

**2001 TRANSPORTATION TOMORROW SURVEY  
REGIONAL MUNICIPALITY OF YORK  
SUMMARY BY WARDS**

**Prepared for the  
Transportation Information  
Steering Committee**

**by the**

**Data Management Group  
University of Toronto  
Joint Program in Transportation  
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**FURTHER INFORMATION**

The Transportation Tomorrow Surveys (TTS) are parts of an ongoing data collection program by the Transportation Information Steering Committee (TISC). The survey data (2001, 1996, 1991 and 1986) are currently under the care of the Data Management Group. For more information, please contact:

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City of Hamilton  
City of Toronto  
GO Transit  
Ministry of Transportation, Ontario  
Regional Municipality of Durham  
Regional Municipality of Halton  
Regional Municipality of Peel  
Regional Municipality of York  
Toronto Transit Commission

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## INTRODUCTION

### **BACKGROUND**

The 2001 Transportation Tomorrow Survey (TTS) is the largest and most comprehensive travel survey ever conducted in Ontario or perhaps anywhere in North America. The survey was conducted on behalf of 19 local, regional, provincial and transit operating agencies in the Greater Toronto Area and surrounding regions. TTS data contain detailed demographic information on all members of a surveyed household and a ledger of travel information over an entire weekday.

The 2001 survey is the fourth and latest in a series of surveys conducted every five years. The first Transportation Tomorrow Survey, conducted in 1986, collected information for over 61,700 households in the Greater Toronto Area (GTA). The 1986 TTS was the most comprehensive travel survey in the Toronto area since the 1964 Home Interview Survey for the Metropolitan Toronto (now City of Toronto) and Region Transportation Study (MTARTS). Results of the TTS survey have been used in a wide range of studies including the development of Highway 407 and the Highway 401 expansion program.

In 1991, the second TTS was conducted as an update survey for the 1986 data. Recognizing the importance of interregional travel, the 1991 survey area was expanded to include local municipalities adjacent to the GTA boundary. Approximately 22,300 households in the GTA and 2,200 households at the fringe of the GTA were successfully interviewed. The survey captured the travel condition in the GTA after five years of active changes, with particular emphasis on areas that experienced rapid population growth between 1986 and 1991. The 1991 survey data provided a clear measure of global trends on urban travel characteristics. One of the most significant observations was the shift of urban population and employment growth from the City of Toronto to the surrounding regions and its impact on travel demand and modal choice.

The 1996 TTS expanded its focus from the GTA to include a large part of south central Ontario. It involved cooperation from twelve regional and county governments, three cities, one town, two transit operators and one provincial ministry. The survey area stretched from Peterborough County in the east to the Regional Municipality of Waterloo in the west. Based on Census information, the survey area covers 60 percent of Ontario's total population. A total of 115,200 households or five percent of all households in the survey area were successfully interviewed. The survey provides sample information on an estimated thirteen million daily trips in the survey area.

The 2001 TTS covers much of the same area as 1996 excluding the Regional Municipality of Waterloo whilst adding larger areas of some other counties in southern Ontario. The survey

involved cooperation from seven cities, eight regional and county governments, one town, two transit operators and one provincial ministry. Altogether approximately 137,000 households were successfully interviewed. The survey provides sample information on an estimated fourteen million daily trips in the survey area.

Unlike data sources such as regular traffic counts, which measure the change in magnitude of travel demand, the TTS provides information on the characteristics of these changes. As a transportation time series database, the TTS enables analysis on how factors such as flexible work hour programs, relocation of manufacturing employment, increasing female participation in the labour force, and aging population influence how people travel, how often and the purpose of their trips.

In addition to being a time series database, the 2001 TTS data alone is an important data source for transportation planning. It provides a clear description on existing travel patterns and how travel demand is influenced by current demographic and socio-economic factors. This is especially useful for areas which do not have previous travel survey data. Furthermore, because of the scope of the survey coverage, the 2001 data is also a key datum for understanding the dynamic interdependence of communities in south central Ontario.

### **PURPOSE OF THIS REPORT**

The purpose of this report is to summarize the 2001 Transportation Tomorrow Survey data according to ward boundaries in the Regional Municipality of York. The summary is presented in tabular format at different levels of detail, namely, the entire Greater Toronto Area, the Regional Municipality of York, local municipalities and wards. Summaries at the municipal level for East Gwillimbury, Newmarket and Aurora are not presented as they each contain a single ward. The information presented includes socio-demographic and travel characteristics. In addition to presenting the magnitude of the trips coming into and leaving an area, the summary tables also describe travel characteristics such as travel purpose, trip start time, travel distance and travel mode choice.

The information presented in this report is based on Version 1.0 of the 2001 TTS database. For more historical TTS data, please refer to the fifth report in the 1996 Transportation Tomorrow Survey series, entitled, [1996, 1991 & 1986 Travel Survey Summaries for the Greater Toronto Area](#) and the fifth report in the 2001 Transportation Tomorrow Series entitled [2001, 1996 & 1986 Travel Survey Summaries for the Greater Toronto Area](#).

## THE TTS DATA

### DESIGN AND CONDUCT OF THE SURVEY

The 2001 TTS, with approximately 137,000 household interviews, is one of the largest surveys ever undertaken anywhere. The 2001 survey covered a great part of south central Ontario and consisted of the Cities of Toronto (formerly Metropolitan Toronto), Hamilton (formerly the Regional Municipality of Hamilton-Wentworth), Barrie, Guelph, Peterborough and Kawartha Lakes (formerly the County of Victoria), the Regional Municipalities of Durham, Halton, Niagara, Peel, and York, the Town of Orangeville, the County of Simcoe and partial coverage of the Counties of Peterborough and Wellington.

The 2001 TTS was initially scheduled to be conducted over two time periods. Areas external to the GTA and Hamilton were surveyed in the fall of 2000 and the GTA and Hamilton were surveyed in the fall of 2001. However, after these first two survey periods were completed, it was noticed that apartment buildings were under-represented in the sample and a supplemental survey was done in May 2002 to correct this sample bias. There were no changes in survey methodology or questionnaire between survey periods and the three data sets are combined for all expansion and analytical processes.

A random sample of households in the survey area was selected from Bell Canada's files containing information on residential subscribers. Households with unlisted telephone numbers were not included in the sample but are believed to be uniformly distributed throughout the study area and with no obvious correlation to socio-economic status. The target was to obtain a random sample of five percent of the households in the study area. The actual sampling rate in each Forward Sortation Area (defined by the first three characters of a postal code) was reviewed to ensure a uniform distribution of sampling rates across the study area.

An advance letter was mailed to the sample households before the actual interview took place. The purpose was to introduce the survey, outline the survey process and impress upon the household the legitimacy and importance of information that would be collected in the interview. Interviewers telephoned the households to collect travel information for the preceding weekday and recorded the data directly on computer files using a direct data entry program. As the information was entered, the program carried out spelling checks on street names, validation checks on transit route information and other checks on the consistency and completeness of the information. The sample rates were monitored daily by sample control software to ensure

even coverage of the study area during the survey period. The locations of households, places of work and school, trip origins and destinations were coded to a geographic reference system.

Geographic coding enables the survey results to be studied at aggregated levels which are both flexible and accurate.

In York Region, over 12,000 households were interviewed. With the 2001 Census count of approximately 220,000 households, the survey achieved its target of a five percent sample rate.

Detailed documentation of the planning and implementation of the 2001 survey is contained in the first report of the 2001 Transportation Tomorrow Survey series, entitled, Design and Conduct of the Survey. The sample expansion procedure for this survey is described in detail in the third report of the 2001 TTS working paper series, Data Expansion.

### INFORMATION COLLECTED

Through the years, the TTS has collected demographic and travel information. Demographic data were collected for the household and each member of the household. Travel information was usually for the weekday just prior to the day of the interview. The 2001 database may be summarized as follows:

#### Demographic Information

- Household Characteristics
  - Location of residence
  - Dwelling unit type
  - Number of persons living in the household
  - Number of vehicles available for personal use
- Person Characteristics
  - Age
  - Gender
  - Employment Status

represented through the day and any under-reporting which occurs is primarily associated with off-peak automobile trips.

TTS tends to under-represent the overall population of the survey area compared to Census data. The under-representation is most noticeable in infants and elderly persons. The exclusion of collective homes, such as hospitals and nursing homes, from the survey is likely a contributing factor in the under-representation of the elderly. The spatial distribution of persons aged 18 to 27 differ between the TTS and Census. This can be attributed to the timing and definition of the survey relative to the Census and the effect this has on the estimation of post-secondary school students.

TTS data accurately reflects the number of full-time students in most parts of the survey area. Initial comparisons with university and college enrollment data suggest that there might be some under-representation of students at McMaster, Guelph and Trent Universities.

For further discussion on the validation of the 2001 data, refer to the 2001 TTS report, [Data Validation](#).

### **Availability of Data**

The data used in this survey was obtained from the 2001 TTS survey. This survey data and previous years' data (1986, 1991 and 1996) are currently under the care of the Data Management Group. This group is responsible for maintaining the TTS databases and allowing access to the survey data. Data is made readily available through an online data retrieval system. For more information see previous contact information.

- Student status
- Possession of a driver's licence
- Possession of a transit pass
- Location of usual place of work
- Location of usual place of school
- School name
- Availability of free parking at usual place of work
- Occupation type
- Whether or not the person worked at home on the trip day (only asked if a person employed full time outside the home did not make a work trip on the survey day)

### Travel Information

- Nature of trip
  - Start time
  - Purpose of trip
  - Origin and destination points
- Means of travel
  - Travel mode
  - Detailed transit routes including boarding and alighting stations for all GO Train and subway trips

A trip is defined as a one-way movement between two locations for a single purpose. For example, a trip may be made to work, to facilitate a passenger, or to return home. The survey collected trip information for all persons of age 11 years or older over a 24-hour period. To reflect travel activities on an average work day, only trips made on Monday to Friday were recorded. The survey results indicate an approximately equal coverage of trips on each of the five weekdays.

All children between the ages of 6 and 11 were assumed to be full time students.

A comprehensive description of the contents and structures of the 2001 TTS database is contained in the first report of the 2001 TTS entitled, [Data Guide](#).

### **QUALITY OF THE DATA**

Preliminary analysis of the 2001 survey data indicate that, as with previous years, the TTS data may be used with a high degree of confidence. With respect to peak period travel there is no evidence of under-reporting of trips made in the a.m. peak period. Public transit trips are accurately

## REPORT CONTENTS

### OVERVIEW

The data in this report provides demographic characteristics and travel pattern information. The data is presented by ward and summarized for the local municipalities, the Regional Municipality of York and for the whole GTA. In total there are 39 wards in the Regional Municipality of York.

To reflect the fact that all numbers presented in this report are estimates based on expanded data, all numeric figures are rounded. Totals and subtotals are rounded to the nearest 100 and all percentages are rounded to the nearest integer. An asterisk (\*) is used to denote categories that have less than four observations or survey records.

Invalid survey responses are dealt with in two ways. The response is grouped under the "other" category if one is available (travel mode, for example). Otherwise, invalid responses are distributed proportionately (based on the valid responses) between the available categories.

### GENERAL SUMMARY TABLES

#### **Demographic Characteristics**

Demographic data are presented in the two tables on the top half of the page. The table on the left summarizes the data by household and the table on the right summarizes the data by person.

Household characteristics include:

- Total number of households in the area. The data expansion procedure ensures a close match with the census.
- Distribution of households by dwelling type: house, townhouse or apartment
- Distribution of households by number of residents
- Distribution of households by number of vehicles available for personal use
- A series of ratios that reflect the general characteristics of households in the area:
  - Persons - Total population divided by total number of households
  - Workers - Total number of employed persons (full-time and part-time, includes work at home) divided by total number of households

- Drivers - Total number of persons in possession of a driver's licence divided by the total number of households
- Vehicles - Total number of vehicles available for personal use divided by total number of households
- Trips/day - Total number of trips by persons of age 11 and over divided by total number of households

Personal characteristics include:

- Total number of persons in private residences in the area
- Population by gender
- The percentage of persons in possession of a transit pass by gender
- The percentage of persons in possession of a valid driver's licence by gender
- The percentage of persons who are full or part-time students by gender
- Employment status by gender - full-time outside the home, part-time outside the home, and work at home, full or part-time
- The percentage of persons who made a trip to work on the survey day by employment status
- Occupation type: clerical, manufacturing, professional, or sales and service
- Median age, the age where 50 percent of the population is older and 50 percent is younger
- Distribution by age cohort
- Daily trips per person aged 11 and over

#### **Travel Patterns**

The two tables on the lower half of the page present travel pattern information in two categories, trip purpose and mode of travel. In each category, the information is summarized by trips that were made by the residents of an area and by trips with a destination in the area. Trips made by residents of an area are a measure of mobility and thus includes all trips regardless of trip origin or destination. The number of trips made to an area is a measure of the area's attractiveness and therefore include trips made by both residents and non-residents of the area. Note that trips made by residents include trips in and out of the GTA and that trips made to the area include only trips made by GTA residents.

The time periods dealt with are the 24-hour period and the 3-hour morning peak period. The morning peak period has been chosen to minimize the number of non-work trips that are included in the summary. In general, the composition of the morning peak is dominated by trips to work and school. Although, the period chosen for the morning peak is indicated as 6 to 9 a.m., the data actually comprises trips starting at 6:00 a.m. to 8:59 a.m. The reason for excluding trips starting at exactly 9:00 a.m. is that respondents tend to round off the times they reported to the nearest quarter or half hour. If data for both 6:00 a.m. and 9:00 a.m. were included the actual number of morning peak period trips would be over represented.

#### Trip Purpose

For trips made by the residents of an area, the home location is the link between the commuter and the area of interest. Consequently, trip purpose categories are defined as:

- Home to work and work to home (home-based work, HB-W) trips
- Home to school and school to home (home-based school, HB-S) trips
- All other home-based (home-based discretionary, HB-D) trips
- All trips where neither trip end is the home (non-home-based, N-HB)

The magnitude of the trips made to the area gives an indication of the attraction of land use in the area. The destination purposes are defined as:

- Work
- School
- Home
- Other, such as for shopping, entertainment, etc.

#### Mode of Travel

The travel mode categories are:

- Automobile driver
- Automobile passenger
- Local transit
- GO Train
- Walk and Bicycle
- Other, which includes motorcycle, taxi, school bus and other modes

Local transit includes all trips by public transit that do not include the use of GO Train for any part of the trip.

In general, only those walk trips to and from work or school were recorded.

#### **Trips Made by Residents of an Area**

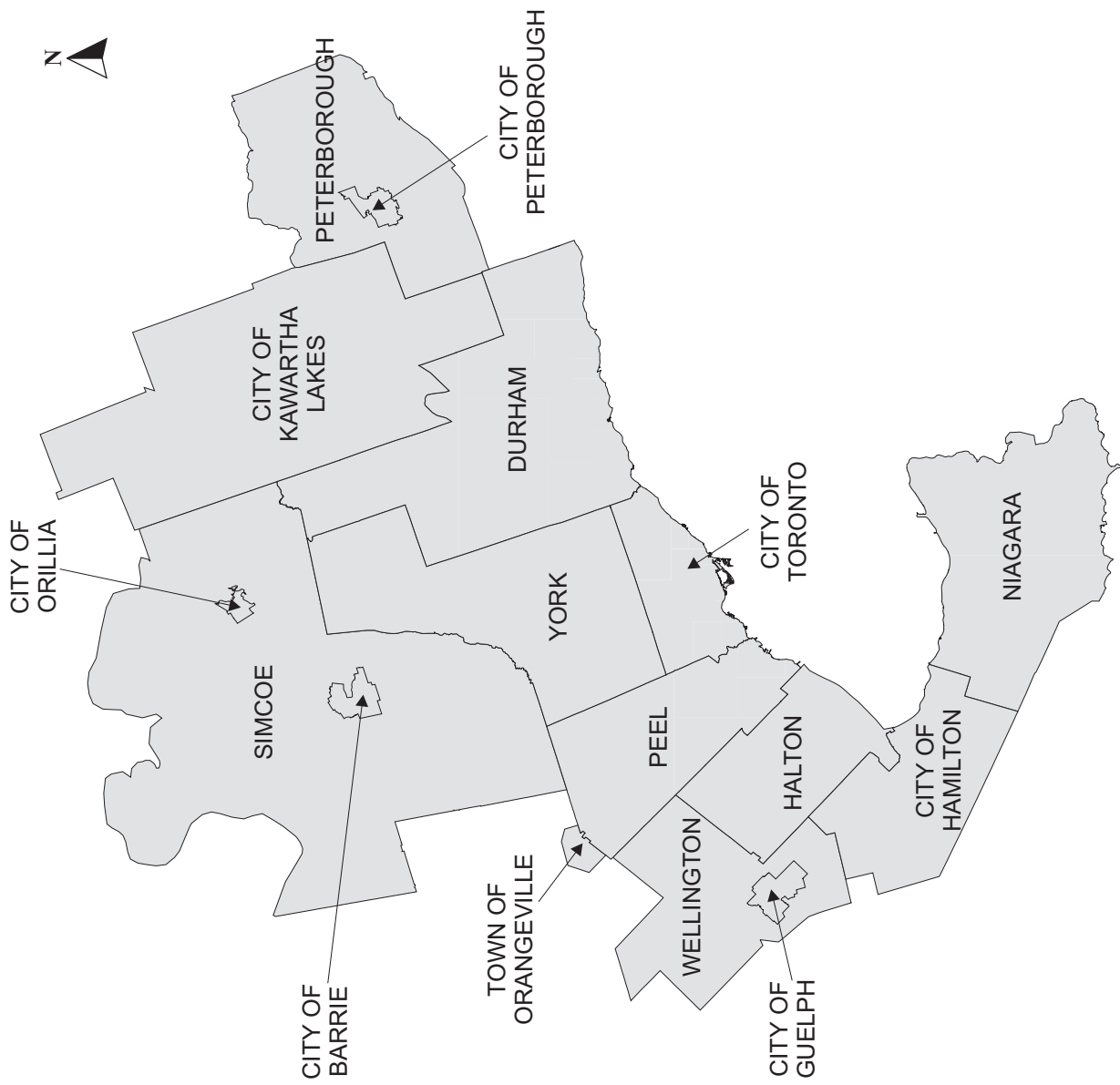
In addition to the travel information by trip purpose and travel mode, the summary tables also include statistics on the percentage of internal trips and median trip lengths.

The percentage of trips made entirely within an area by residents of the same area is a measure of the degree of self-containment for the area of interest. The percentages are calculated for the 24-hour period and the 3-hour morning peak period.

Median trip length is calculated as the trip distance where 50 percent of the trips are longer and 50 percent are shorter. Trip length is measured as the straight line distance between origin and destination points. The figures presented are by travel modes for the 24-hour period.



TRANSPORTATION TOMORROW SURVEY AREA



**AREA SUMMARIES**

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 1,975,200

Dwelling Type    House 61%    Townhouse 5%    Apartment 34%

Household Size (persons)    1 21%    2 30%    3 18%    4 19%    5+ 11%

No. of Available Vehicles    0 16%    1 40%    2 34%    3 7%    4+ 2%

Household Averages    Persons 2.7    Workers 1.4    Drivers 1.7    Vehicles 1.4    Trips/Day 5.8

**TOTAL POPULATION:** 5,386,100

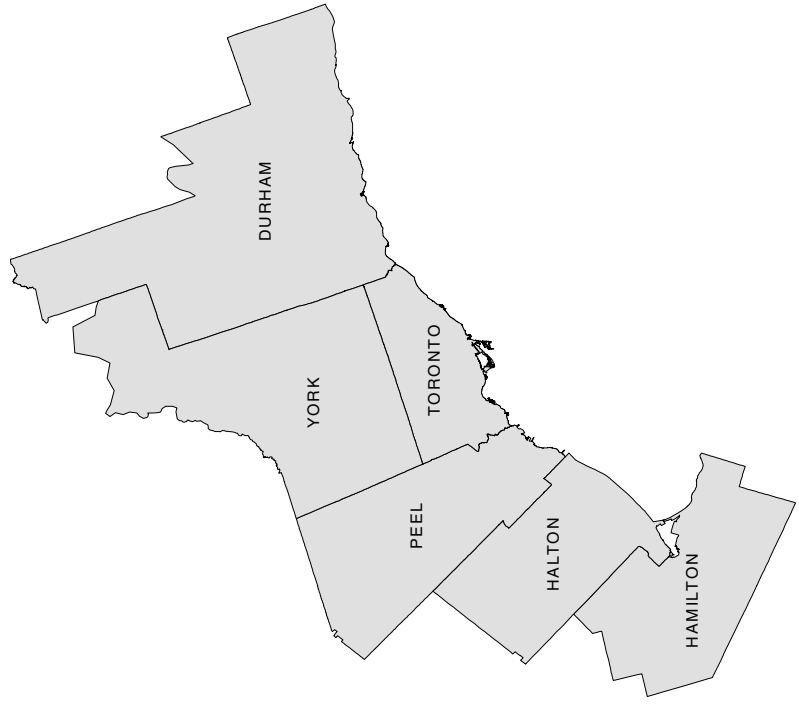
Male 2,637,200    Population 2,637,200    Transit Pass 5%    Licenced Drivers 69%    Student 24%    Full time 47%    Part time 6%    Work at Home F/T 3%    P/T 0%

Female 2,748,900    On survey day:    Made work trip 87%    53%    39%    20%

Occupation Type    Clerical 12%    Manufacturing 22%    Professional 45%    Sales & Service 20%

Age    Median 35.6    0-10 14%    11-15 7%    16-25 12%    26-45 34%    46-64 21%    65+ 12%

Daily trips/Person (age 11+): 2.5



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of the GTA

Time Period 6 - 9 a.m.    Trips 2,684,700    % of 24 hr. 23.3%    HB-W 52%    HB-S 22%    HB-D 17%    N-HB 9%

24 hours 11,515,300    33%    12%    39%    15%

Percentage of trips made within district: 6-9 a.m. = 99%    24 hours = 98%

#### Trips Made to the GTA

Time Period 6 - 9 a.m.    Trips 2,652,500    % of 24 hr. 23%    Work 56%    School 22%    Home 5%    Other 17%

24 hours 11,396,100    19%    6%    43%    32%

### MODE OF TRAVEL

#### Trips Made by Residents of the GTA

Time Period 6 - 9 a.m.    Trips 2,684,700    Auto Driver 59%    Auto Passng. 12%    Local Transit 14%    GO Train 2%    Walk & Cycle 9%    Other 4%

24 hours 11,515,300    64%    16%    11%    1%    6%    2%

Median Trip Length: (kilometres) 5.5    3.8    5.6    29.9

#### Trips Made to the GTA

Time Period 6 - 9 a.m.    Trips 2,652,500    Auto Driver 59%    Auto Passng. 12%    Local Transit 14%    GO Train 2%    Walk & Cycle 9%    Other 4%

24 hours 11,396,100    64%    15%    11%    1%    6%    2%

\* is used to denote categories that have less than four observations or survey records



University of Toronto  
Joint Program in Transportation  
Data Management Group

## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		227,700	
Dwelling Type	House	Townhouse	Apartment
	83%	7%	10%
Household Size (persons)	1	3	4
	11%	26%	27%
No. of Available Vehicles	0	2	3
	4%	27%	13%
Household Averages	Persons	Workers	Drivers
	3.2	1.7	2.2
	Vehicles	Vehicles	Trips/Day
	1.9	1.9	7.2

<b>TOTAL POPULATION:</b>		721,000	
Male	Population	Licensed Drivers	Student
	359,000	70%	27%
Female	Population	Licensed Drivers	Student
	361,900	66%	25%
On survey day: Made work trip			
	88%	50%	39%
Occupation Type	Clerical	Manufacturing	Professional
	13%	19%	49%
Age	Median	0-10	11-15
	35.3	15%	8%
Daily trips/Person (age 11+):	2.7	16-25	26-45
		13%	33%
		46-64	65+
		22%	9%

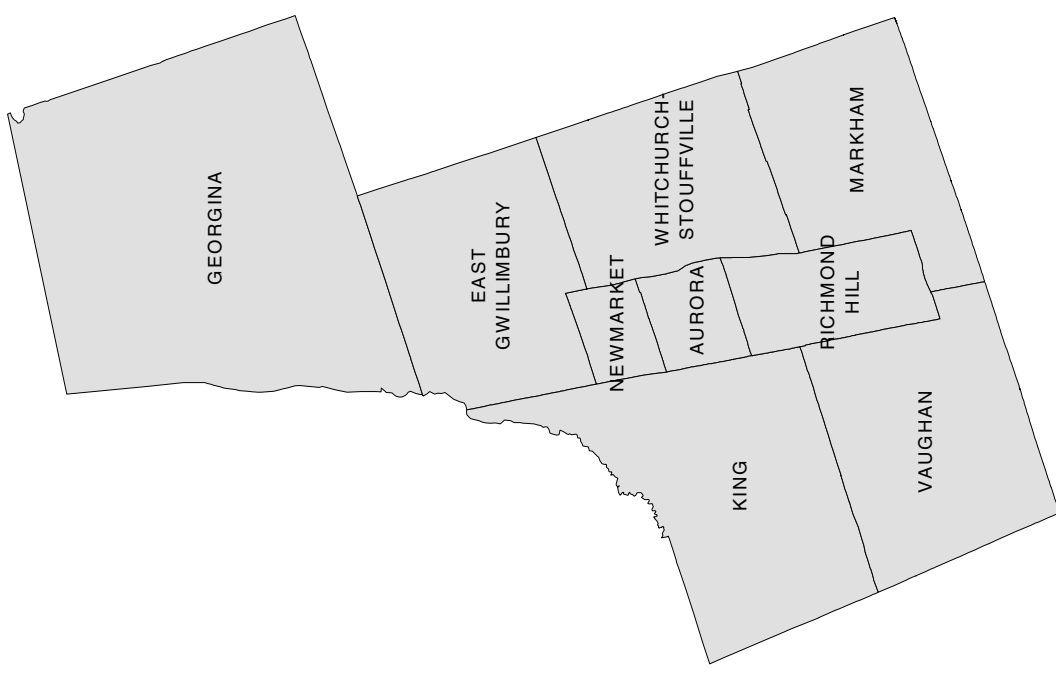
### Employment Status

Full time	Part time	Work at Home F/T	Work at Home P/T
48%	6%	3%	0%
34%	12%	2%	1%
88%	50%	39%	20%

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of York Region</b>			
Time Period	Trips	% of 24 hr.	HB-W	HB-S	N-HB
6 - 9 a.m.	394,500	24.1%	49%	22%	10%
24 hours	1,636,000	32%	12%	39%	16%
Percentage of trips made within district: 6-9 a.m. = 59% 24 hours = 63%					
<b>Trips Made to York Region</b>		<b>Destination Purpose</b>			
Time Period	Trips	% of 24 hr.	Work	School	Home
6 - 9 a.m.	351,300	22.7%	55%	22%	18%
24 hours	1,549,600	18%	5%	44%	33%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of York Region</b>			
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train
6 - 9 a.m.	394,500	66%	13%	6%	6%
24 hours	1,636,000	71%	16%	4%	3%
Median Trip Length: (kilometres)					
	6.4	4.0	15.7	26.0	
<b>Trips Made to York Region</b>		Auto Driver	Auto Passng.	Local Transit	GO Train
Time Period	Trips	69%	14%	3%	0%
6 - 9 a.m.	351,300	69%	14%	3%	0%
24 hours	1,549,600	72%	17%	4%	1%
		4%	1%	4%	3%



\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 13,800

Dwelling Type	House	Townhouse	Apartment
	92%	3%	6%

Household Size (persons)	1	2	3	4	5+
	19%	33%	19%	20%	9%

No. of Available Vehicles	0	1	2	3	4+
	4%	31%	50%	11%	3%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.7	1.4	1.8	1.8	5.7

**TOTAL POPULATION:** 37,300

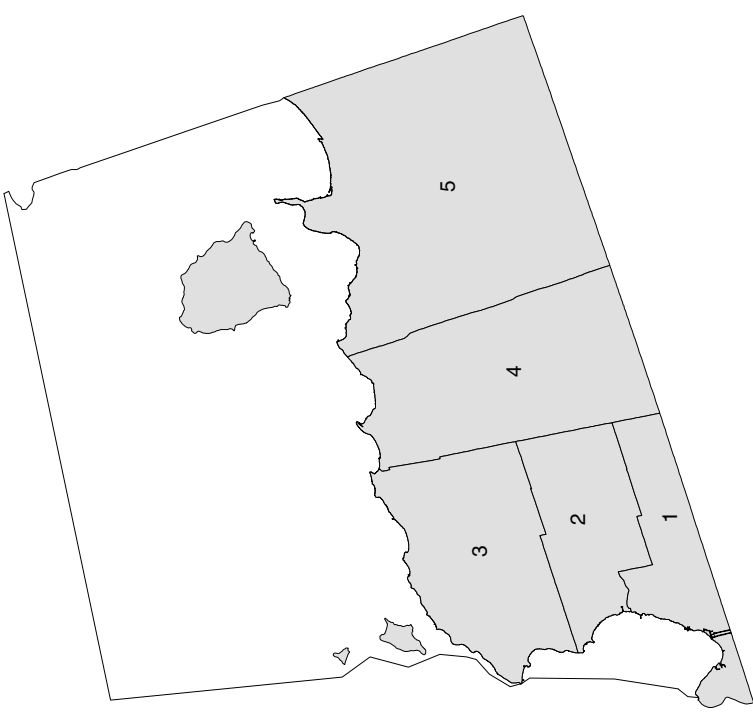
Male	Population 18,900	Transit Pass 1%	Licenced Drivers 70%	Student 21%	Employment Status			
					Full time 49%	Part time 4%	Work at Home F/T P/T *	
Female	18,300	1%	67%	18%	33%	9%	3%	1%

On survey day: Made work trip 87% 53% 38% \*

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	11%	32%	39%	18%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	35.5	18%	7%	9%	35%	19%
		18%	7%	9%	35%	19%

Daily trips/Person (age 11+): 2.5



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Georgina

Time Period 6 - 9 a.m.	Trips 17,000	Trip Purpose Category				N-HB 12%
		HB-W 53%	HB-S 19%	HB-D 16%	HB-D 16%	
24 hours	78,000	34%	9%	38%	19%	

Percentage of trips made within district: 6-9 a.m. = 43% 24 hours = 47%

#### Trips Made to Georgina

Time Period 6 - 9 a.m.	Trips 8,700	Destination Purpose			Other 23%
		Work 38%	School 31%	Home 8%	
24 hours	57,900	8%	5%	54%	32%

### MODE OF TRAVEL

#### Trips Made by Residents of Georgina

Time Period 6 - 9 a.m.	Trips 17,000	Auto Driver 73%	Auto Passng. 10%	Local Transit *	GO Train *	Walk & Cycle 6%	Other 10%

Median Trip Length: (kilometres)  
14.7 10.0 47.1 74.5

#### Trips Made to Georgina

Time Period 6 - 9 a.m.	Trips 8,700	Auto Driver 63%	Auto Passng. 11%	Local Transit *	GO Train *	Walk & Cycle 12%	Other 14%

\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 3,800

Dwelling Type	House	Townhouse	Apartment
	89%	7%	4%

Household Size (persons)	Household Size		
	1	2	3
	15%	33%	19%
			4
			5+
			7%

No. of Available Vehicles	No. of Available Vehicles		
	0	1	2
	3%	31%	52%
			3
			4+
			3%

Household Averages	Household Averages		
	Persons	Workers	Drivers
	2.8	1.5	1.9
			1.8
			Vehicles
			1.8
			5.9
			Trips/Day

**TOTAL POPULATION:** 10,500

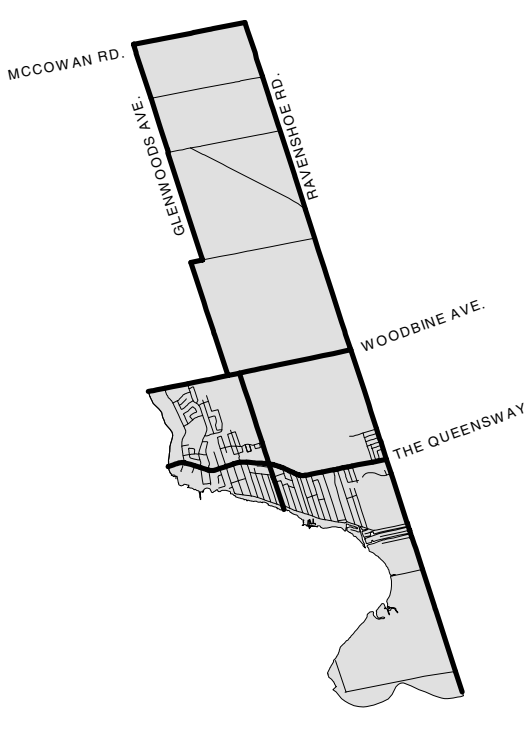
Male	Male			Female		
	Population	Licenced Drivers	Transit Pass	Population	Licenced Drivers	Transit Pass
	5,300	69%	*	5,200	68%	*

Female	Female			On survey day: Made work trip		
	Population	Licenced Drivers	Transit Pass	Full time	Part time	Work at Home
	5,200	68%	*	36%	10%	2%

Occupation Type	Occupation Type		
	Clerical	Manufacturing	Professional
	12%	35%	32%

Age	Age		
	0-10	11-15	16-25
	17%	8%	11%
			26-45
			38%
			46-64
			17%
			65+
			9%

Daily trips/Person (age 11+): 2.6



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	5,400	24.0%	17%	14%	13%
24 hours	22,500	36%	8%	37%	19%

Percentage of trips made within district: 6-9 a.m. = 27% 24 hours = 25%

#### Trips Made to Ward 1

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	2,900	16.8%	30%	42%
24 hours	17,300	7%	7%	53%

### MODE OF TRAVEL

#### Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	5,400	75%	10%	*	11%	4%
24 hours	22,500	75%	16%	0%	*	3%

Median Trip Length: (kilometres)  
15.2 5.7 48 \*

#### Trips Made to Ward 1

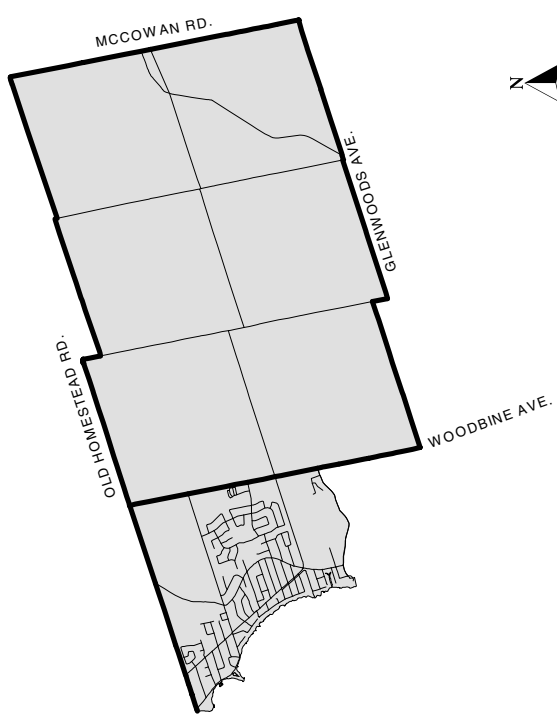
Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	2,900	52%	13%	*	20%	16%
24 hours	17,300	71%	16%	*	8%	5%

\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	3,000	
<b>Dwelling Type</b>	House 92%	Apartment 7%
<b>Household Size (persons)</b>	1 15% 2 29% 3 20% 4 30% 5+ 6%	Townhouse * Apartment 7%
<b>No. of Available Vehicles</b>	0 5% 1 25% 2 58% 3 11% 4+ *	
<b>Household Averages</b>	Persons 2.9 Workers 1.5 Drivers 1.9 Vehicles 1.8	Trips/Day 6.4

<b>TOTAL POPULATION:</b>	8,500	
<b>Male</b>	Population 4,400 Transit Pass 2% Licenced Drivers 68% Student 24% Full time 53% Part time 3% Work at Home F/T 4% P/T *	
<b>Female</b>	Population 4,200 Transit Pass 2% Licenced Drivers 66% Student 20% Full time 34% Part time 8% Work at Home F/T 3% P/T *	
<b>Occupation Type</b>	On survey day: Made work trip	
<b>Age</b>	Clerical 11% Manufacturing 27% Professional 43% Sales & Service 19%	
<b>Daily trips/Person (age 11+):</b>	0-10 21% 11-15 8% 16-25 6% 26-45 40% 46-64 16% 65+ 9%	2.8



## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>	Trips Made by Residents of Ward 2	
<b>Time Period 6 - 9 a.m.</b>	Trips 4,300 % of 24 hr. 22.4%	Trip Purpose Category HB-W 53% HB-S 20% HB-D 18% N-HB 9%
<b>24 hours</b>	19,200	34% 9% 38% 18%
<b>Percentage of trips made within district:</b>	6-9 a.m. = 17% 24 hours = 22%	
<b>Trips Made to Ward 2</b>	Time Period 6 - 9 a.m. 1,800 24 hours 14,400	<b>Destination Purpose</b> Work 28% School 29% Home 13% Other 30%

<b>MODE OF TRAVEL</b>	Trips Made by Residents of Ward 2	
<b>Time Period 6 - 9 a.m.</b>	Trips 4,300	Auto Driver 73% Auto Passng. 12% Local Transit * GO Train * Walk & Cycle 6% Other 10%
<b>24 hours</b>	19,200	76% 14% * * 4% 5%
<b>Median Trip Length: (kilometres)</b>	18.5	10.4
<b>Trips Made to Ward 2</b>	Time Period 6 - 9 a.m. 1,800 24 hours 14,400	Auto Driver 70% Auto Passng. 6% Local Transit * GO Train * Walk & Cycle 13% Other 11%

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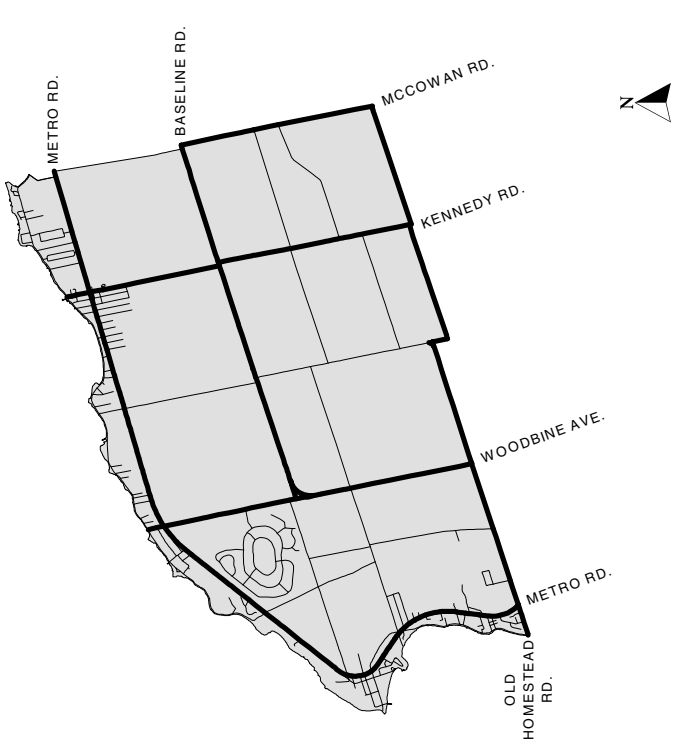


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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		1,600	
Dwelling Type	House	Townhouse	Apartment
	95%	*	*
Household Size (persons)	1	2	3
	16%	33%	16%
No. of Available Vehicles	0	1	2
	*	33%	55%
Household Averages	Persons	Workers	Drivers
	2.8	1.3	1.8
	Vehicles	Vehicles	Trips/Day
	1.7	1.7	5.9

<b>TOTAL POPULATION:</b>		4,600	
Male	Population	Licenced Drivers	Student
	2,300	* 62%	28%
Female	Population	Licenced Drivers	Student
	2,300	* 64%	17%
On survey day: Made work trip		Full time	Part time
		80%	66%
Occupation Type	Clerical	Manufacturing	Professional
	12%	26%	48%
Age	Median	0-10	11-15
	33.2	24%	7%
Daily trips/Person (age 11+):	2.7	16-25	26-45
		6%	35%
		46-64	65+
		19%	9%



## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 3</b>	
Time Period	Trips	% of 24 hr.	Trip Purpose Category
6 - 9 a.m.	1,900	20.0%	HB-W
24 hours	9,500	30%	HB-S
Percentage of trips made within district: 6-9 a.m. = 7%		8%	HB-D
		24 hours = 8%	N-HB
			9%
<b>Trips Made to Ward 3</b>		<b>Destination Purpose</b>	
Time Period	Trips	% of 24 hr.	Work
6 - 9 a.m.	500	9.4%	School
24 hours	5,300	6%	Home
		* 70%	Other
		28%	24%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 3</b>	
Time Period	Trips	Auto Driver	Auto Driver
6 - 9 a.m.	1,900	78%	Passing
24 hours	9,500	79%	Local Transit
Median Trip Length: (kilometres)		10.3	GO Train
		6.2	Walk & Cycle
			Other
<b>Trips Made to Ward 3</b>		<b>Trips Made to Ward 3</b>	
Time Period	Trips	Auto Driver	Auto Driver
6 - 9 a.m.	500	93%	Passing
24 hours	5,300	78%	Local Transit
		* 14%	GO Train
		* 6%	Walk & Cycle
		* 6%	Other

\* is used to denote categories that have less than four observations or survey records



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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 2,900

Dwelling Type    House 89%    Townhouse \*    Apartment 11%

Household Size (persons)    1 25%    2 35%    3 20%    4 9%    5+ 10%

No. of Available Vehicles    0 6%    1 42%    2 35%    3 13%    4+ 4%

Household Averages    Persons 2.5    Workers 1.1    Drivers 1.8    Vehicles 1.7    Trips/Day 4.8

**TOTAL POPULATION:** 7,200

Male    Population 3,500    Transit Pass \*    Licenced Drivers 76%    Student 18%    Full time 40%    Part time 4%    Work at Home P/T \* 4%

Female    Population 3,600    \*    66%    16%    26%    10%    \*    \*

On survey day:    Made work trip    84%    50%    \*

Occupation Type    Clerical 10%    Manufacturing 32%    Professional 42%    Sales & Service 15%

Age    Median 40.5    0-10 15%    11-15 5%    16-25 8%    26-45 29%    46-64 22%    65+ 20%

Daily trips/Person (age 11+): 2.3

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 4**

Time Period 6 - 9 a.m.    Trips 2,400    % of 24 hr. 17.3%    HB-W 49%    HB-S 18%    HB-D 18%    N-HB 15%

24 hours    13,900    29%    8%    44%    19%

Percentage of trips made within district: 6-9 a.m. = 44%    24 hours = 44%

**Trips Made to Ward 4**

Time Period 6 - 9 a.m.    Trips 2,700    % of 24 hr. 19.9%    Work 45%    School 34%    Home \* 20%    Other 20%

24 hours    13,600    12%    9%    41%    38%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 4**

Time Period 6 - 9 a.m.    Trips 2,400    Auto Driver 74%    Auto Passing 9%    Local Transit \*    GO Train \*    Walk & Cycle 9%    Other 6%

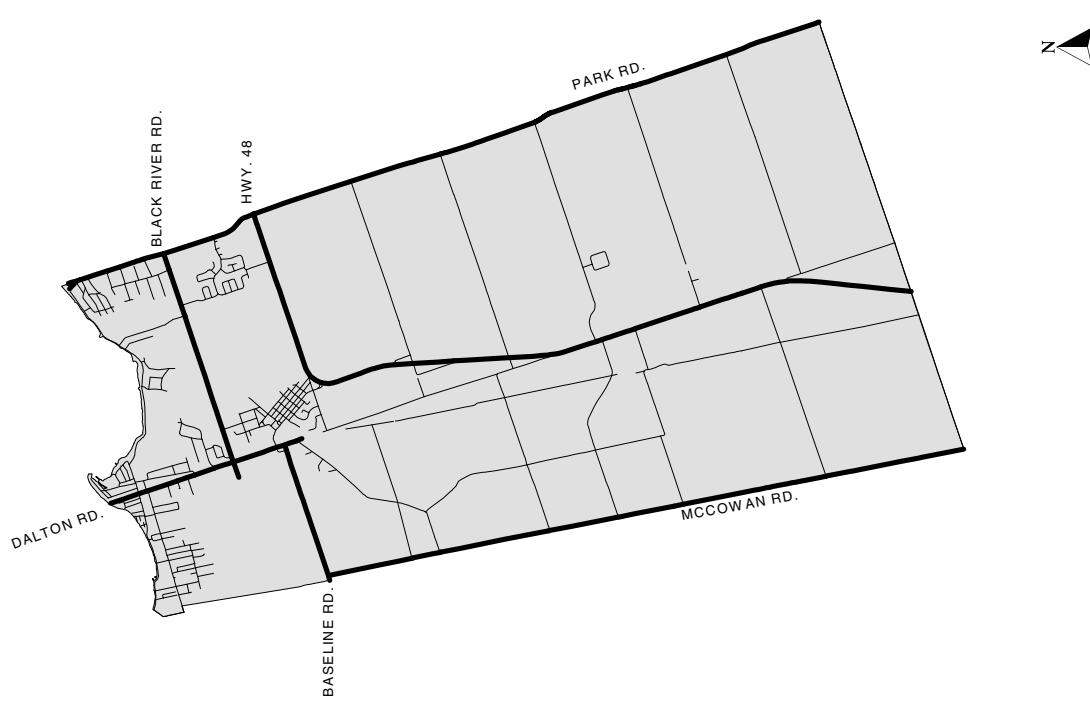
24 hours    13,900    79%    11%    1%    1%    4%    4%

Median Trip Length: (kilometres)    8.3    12.5    28.8    74

**Trips Made to Ward 4**

Time Period 6 - 9 a.m.    Trips 2,700    Auto Driver 59%    Auto Passing 13%    Local Transit \*    GO Train \*    Walk & Cycle 9%    Other 20%

24 hours    13,600    74%    13%    1%    \*    5%    7%



\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 2,500

Dwelling Type      House 95%      Townhouse \*      Apartment 4%

Household Size (persons)      1      2      3      4      5+  
 22%      35%      19%      14%      10%

No. of Available Vehicles      0      1      2      3      4+  
 5%      26%      54%      11%      5%

Household Averages      Persons 2.6      Workers 1.4      Drivers 1.8      Vehicles 1.9      Trips/Day 5.1

**TOTAL POPULATION:** 6,500

Male      Population 3,500      Transit Pass \*      Licenced Drivers 71%      Student 22%      Full time 46%      Part time 6%      Work at Home F/T 4%      P/T \*

Female      3,000      \*      72%      13%      35%      12%      5%      \*

On survey day:      Made work trip      87%      54%      35%      \*

Occupation Type      Clerical 12%      Manufacturing 36%      Professional 37%      Sales & Service 15%

Age      Median 37.5      0-10 14%      11-15 8%      16-25 10%      26-45 33%      46-64 25%      65+ 11%

Daily trips/Person (age 11+): 2.3

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 5**

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	2,900	22.5%	23%	13%	12%
24 hours	12,900	38%	11%	33%	18%

Percentage of trips made within district: 6-9 a.m. = 9%      24 hours = 10%

**Trips Made to Ward 5**

Time Period	Trips	Destination Purpose		
		Work	Home	Other
6 - 9 a.m.	700	9.6%	11%	27%
24 hours	7,300	9%	72%	19%

### MODE OF TRAVEL

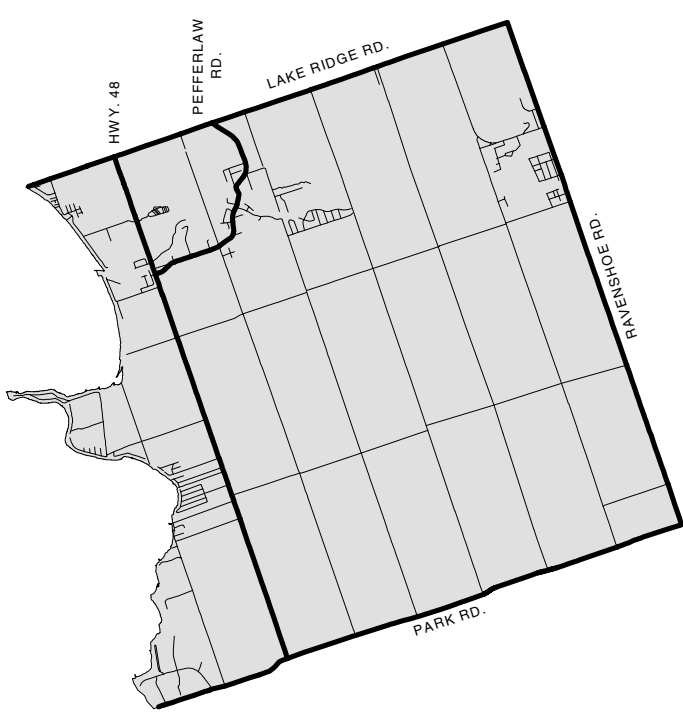
**Trips Made by Residents of Ward 5**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	2,900	67%	11%	*	*	21%
24 hours	12,900	75%	14%	*	*	10%

Median Trip Length: 18.7 (kilometres)

**Trips Made to Ward 5**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	700	90%	10%	*	*	*
24 hours	7,300	76%	13%	*	*	9%



\* is used to denote categories that have less than four observations or survey records

# TOWN OF EAST GWILLIMBURY - WARD 1

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 6,800

Dwelling Type	House	Townhouse	Apartment		
	95%	2%	3%		
Household Size (persons)	1	2	3	4	5+
	10%	33%	21%	23%	14%

No. of Available Vehicles	1	2	3	4+
	18%	54%	20%	7%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.0	1.7	2.2	2.2	7.0

**TOTAL POPULATION:** 20,500

Male	Population 10,000	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	10,500	1%	74%	25%	50%	6%	6%
Female		1%	70%	23%	33%	14%	3%
	10,000	1%	70%	23%	33%	14%	3%

On survey day: Made work trip 85% 52% 45% \*

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	11%	23%	49%	17%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	36.9	16%	9%	10%	32%	26%
	0-10	11-15	16-25	26-45	46-64	65+
	16%	9%	10%	32%	26%	7%

Daily trips/Person (age 11+): 2.7

## TRAVEL PATTERNS

### TRIP PURPOSE

Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category				
		HB-W	HB-S	HB-D	N-HB	
6 - 9 a.m.	11,000	23.2%	54%	23%	14%	9%
24 hours	47,500	33%	11%	39%	17%	1%

Percentage of trips made within district: 6-9 a.m. = 15% 24 hours = 16%

Trips Made to Ward 1

Time Period	Trips	Destination Purpose				
		Work	School	Home	Other	
6 - 9 a.m.	3,400	11.8%	41%	22%	12%	25%
24 hours	28,900	7%	3%	68%	23%	1%

### MODE OF TRAVEL

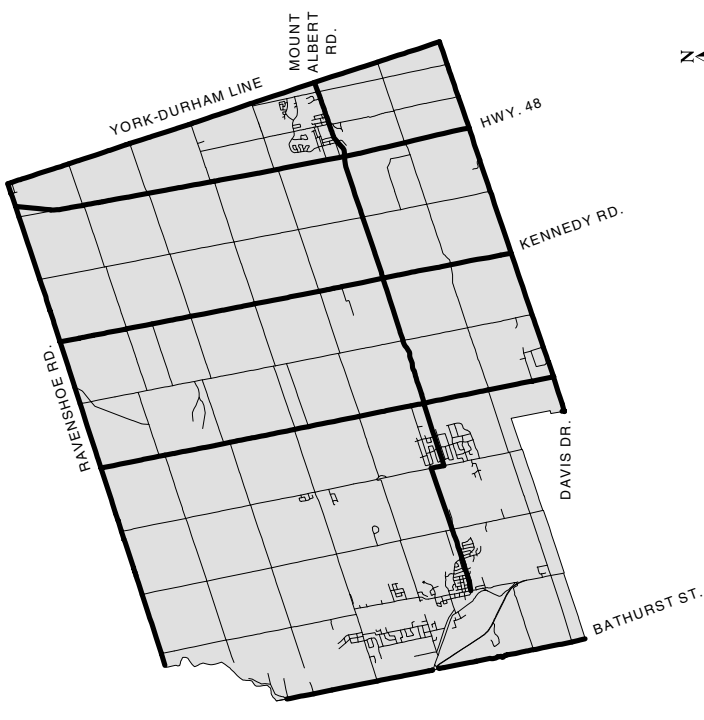
Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	11,000	72%	9%	1%	1%	3%	14%
24 hours	47,500	78%	12%	1%	1%	2%	7%

Median Trip Length: (kilometres)  
9.8 6.9 37.8 54.7

Trips Made to Ward 1

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	3,400	70%	10%	*	*	8%	12%
24 hours	28,900	76%	14%	0%	1%	3%	7%



\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 13,000

Dwelling Type      House      Townhouse      Apartment  
 81%      10%      9%

Household Size (persons)      1      2      3      4      5+  
 12%      27%      21%      28%      12%

No. of Available Vehicles      0      1      2      3      4+  
 2%      25%      59%      10%      4%

Household Averages      Persons      Workers      Drivers      Vehicles      Trips/Day  
 3.0      1.6      2.0      1.9      7.4

**TOTAL POPULATION:** 39,500

Male      Population      Transit Pass      Licenced Drivers      Student      Full time      Part time      Work at Home P/T  
 19,700      3%      67%      29%      47%      6%      3%      1%

Female      19,800      2%      68%      28%      33%      13%      2%      1%

On survey day:      Made work trip      87%      52%      43%      28%

Occupation Type      Clerical      Manufacturing      Professional      Sales & Service  
 10%      14%      56%      21%

Age      Median      0-10      11-15      16-25      26-45      46-64      65+  
 35.3      18%      9%      11%      33%      21%      8%

Daily trips/Person (age 11+): 3.0



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	22,200	23.0%	24%	18%	10%
24 hours	96,400	29%	12%	41%	18%

Percentage of trips made within district: 6-9 a.m. = 38%      24 hours = 40%

#### Trips Made to Ward 1

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	15,200	18.9%	42%	30%
24 hours	80,400	12%	6%	49%

### MODE OF TRAVEL

#### Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	22,200	68%	12%	2%	2%	9%
24 hours	96,400	74%	15%	2%	1%	5%

Median Trip Length: (kilometres)  
 5.7      3      29.2      38.9

#### Trips Made to Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	15,200	63%	13%	1%	*	13%
24 hours	80,400	72%	15%	1%	0%	6%

\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 42,000

Dwelling Type    House 78%    Townhouse 7%    Apartment 15%

Household Size (persons)    1 11%    2 24%    3 22%    4 26%    5+ 15%

No. of Available Vehicles    0 4%    1 29%    2 51%    3 12%    4+ 3%

Household Averages    Persons 3.2    Workers 1.6    Drivers 2.1    Vehicles 1.8    Trips/Day 7.1

**TOTAL POPULATION:** 133,200

Male    Population 65,700    Transit Pass 5%    Licenced Drivers 69%    Student 28%    Full time 46%    Part time 6%    Work at Home F/T 3%    P/T 0%

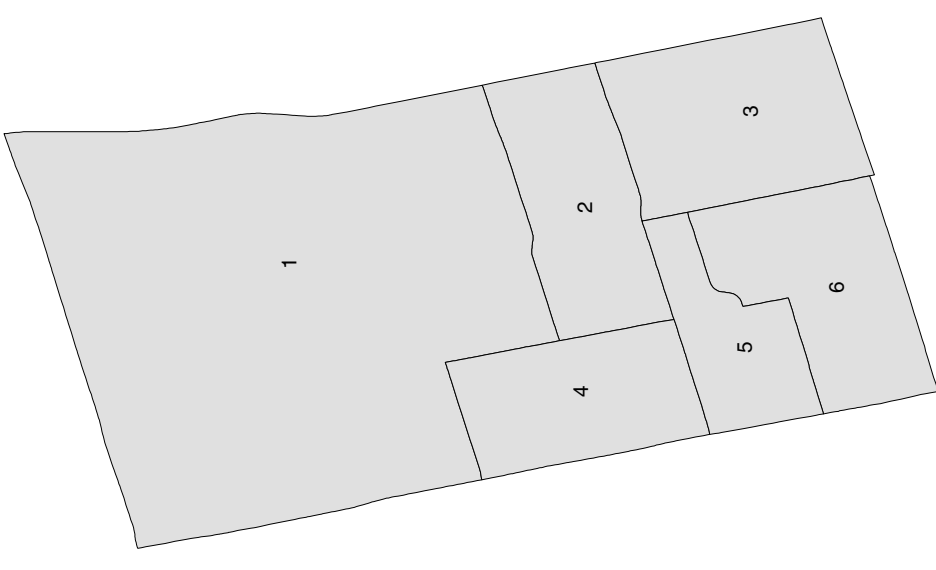
Female    Population 67,500    Transit Pass 5%    Licenced Drivers 66%    Student 26%    Full time 33%    Part time 11%    Work at Home F/T 2%    P/T 1%

On survey day:    Made work trip    89%    48%    43%    23%

Occupation Type    Clerical 13%    Manufacturing 15%    Professional 51%    Sales & Service 21%

Age    Median 35.1    0-10 16%    11-15 8%    16-25 12%    26-45 33%    46-64 21%    65+ 9%

Daily trips/Person (age 11+): 2.7



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Richmond Hill

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	73,300	47%	23%	20%	10%
24 hours	297,000	31%	13%	39%	17%

Percentage of trips made within district: 6-9 a.m. = 35%    24 hours = 38%

#### Trips Made to Richmond Hill

Time Period	Trips	Destination Purpose			
		Work	School	Home	Other
6 - 9 a.m.	50,100	43%	28%	5%	24%
24 hours	253,800	12%	6%	49%	33%

### MODE OF TRAVEL

#### Trips Made by Residents of Richmond Hill

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	73,300	64%	14%	8%	4%	5%	6%
24 hours	297,000	69%	17%	6%	2%	3%	3%

Median Trip Length: (kilometres)    6.9    3.9    17.5    25.2

#### Trips Made to Richmond Hill

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	50,100	64%	16%	5%	*	7%	8%
24 hours	253,800	69%	18%	4%	1%	4%	4%

\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 6,700

Dwelling Type    House 92%    Townhouse 6%    Apartment 2%

Household Size (persons)    1 6%    2 23%    3 26%    4 30%    5+ 15%

No. of Available Vehicles    \* 0 24%    1 59%    2 13%    3 4%    4+ 4%

Household Averages    Persons 3.3    Workers 1.8    Drivers 2.2    Vehicles 2.0    Trips/Day 7.1

**TOTAL POPULATION:** 22,000

Male 11,400    Female 10,600

Transit Pass 4%    Licenced Drivers 69%    Student 28%    Full time 47%    Part time 5%    Work at Home P/T 4% \*    1% \*    46% \*    20%

On survey day:    Made work trip    88%    52%    46% \*    20%

Occupation    Clerical 13%    Manufacturing 20%    Professional 47%    Sales & Service 20%

Age    Median 33.8    0-10 19%    11-15 7%    16-25 11%    26-45 38%    46-64 19%    65+ 7%

Daily trips/Person (age 11+): 2.7

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 1**

Time Period    Trips 12,100    % of 24 hr. 25.5%    HB-W 51%    HB-S 20%    HB-D 18%    N-HB 11%

24 hours    47,400    34%    11%    37%    18%

Percentage of trips made within district: 6-9 a.m. = 17%    24 hours = 16%

**Trips Made to Ward 1**

Time Period    Trips 10,000    % of 24 hr. 25.2%    Work 28%    School 46%    Home 4%    Other 22%

24 hours    39,700    9%    12%    49%    29%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 1**

Time Period    Trips 12,100    Auto Driver 69%    Auto Passng. 12%    Local Transit 5%    GO Train 3%    Walk & Cycle 4%    Other 7%

24 hours    47,400    73%    15%    4%    2%    2%    4%

Median Trip Length: (kilometres)    10.2    7.3    26.3    28.8

**Trips Made to Ward 1**

Time Period    Trips 10,000    Auto Driver 52%    Auto Passng. 21%    Local Transit 5%    GO Train \* 6%    Walk & Cycle 6%    Other 17%

24 hours    39,700    68%    17%    3%    1%    3%    7%



\* is used to denote categories that have less than four observations or survey records



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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	8,100	
Dwelling Type	House 77%	Townhouse 9%
Household Size (persons)	1 14%	2 27%
	3 23%	4 14%
No. of Available Vehicles	0 8%	1 34%
	2 48%	3 9%
Household Averages	Persons 3.0	Workers 1.5
	Drivers 1.9	Vehicles 1.6
		Trips/Day 6.5

<b>TOTAL POPULATION:</b>	24,600	
Male	Population 12,200	Transit Pass 6%
Female	12,400	Licenced Drivers 66%
On survey day: Made work trip	5%	Student 25%
	62%	Full time 47%
Occupation Type	11%	Professional 51%
	17%	Sales & Service 21%
Age	Median 34.3	0-10 19%
	11-15 7%	16-25 9%
Daily trips/Person (age 11+):	2.7	26-45 40%
		46-64 15%
		65+ 10%

### Employment Status

Work at Home P/T \*

F/T 3%

Part time 4%

8%

1%

47%

89%

54%

\*

21%

15%

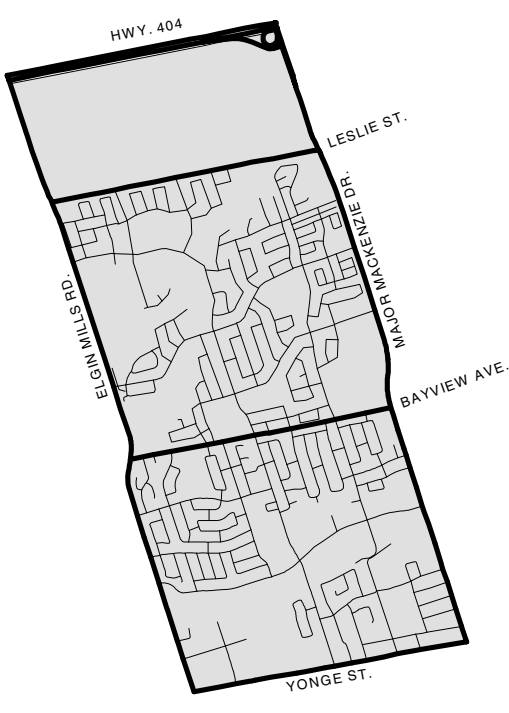
10%

2.7

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>	<b>Trips Made by Residents of Ward 2</b>			
Time Period	Trips	% of 24 hr.	HB-W	HB-S
6 - 9 a.m.	13,300	25.0%	49%	19%
24 hours	53,200	33%	11%	40%
Percentage of trips made within district:	6-9 a.m. = 19%	24 hours = 14%		
<b>Trips Made to Ward 2</b>	<b>Destination Purpose</b>			
Time Period	Trips	% of 24 hr.	Work	School
6 - 9 a.m.	8,400	20.7%	36%	33%
24 hours	40,500	10%	7%	55%
			28%	

<b>MODE OF TRAVEL</b>	<b>Trips Made by Residents of Ward 2</b>			
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit
6 - 9 a.m.	13,300	63%	14%	6%
24 hours	53,200	68%	17%	5%
Median Trip Length: (kilometres)	6	3.9	14.7	25.9
<b>Trips Made to Ward 2</b>	<b>Mode of Travel</b>			
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit
6 - 9 a.m.	8,400	59%	18%	2%
24 hours	40,500	67%	18%	4%



\* is used to denote categories that have less than four observations or survey records





# TOWN OF RICHMOND HILL - WARD 3

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 5,800

Dwelling Type	House	Townhouse	Apartment
	93%	3%	4%

Household Size (persons)	1	2	3	4	5+
	2%	15%	28%	30%	26%

No. of Available Vehicles	0	1	2	3	4+
	*	16%	55%	22%	6%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.8	1.7	2.6	2.2	8.4

**TOTAL POPULATION:** 22,100

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	11,200	4%	68%	31%	39%	6%	1%

Female	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	10,900	5%	70%	28%	28%	10%	1%

On survey day: Made work trip

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	13%	10%	58%	19%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	37.1	13%	8%	15%	28%	25%
		13%	8%	15%	28%	25%

Daily trips/Person (age 11+): 2.6

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 3**

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	11,600	23.5%	28%	24%	10%
24 hours	49,300	28%	15%	41%	15%

Percentage of trips made within district: 6-9 a.m. = 15% 24 hours = 13%

**Trips Made to Ward 3**

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	11,600	25.2%	9%	5%
24 hours	46,000	23%	2%	45%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 3**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	11,600	61%	19%	10%	3%	4%
24 hours	49,300	68%	21%	6%	2%	2%

Median Trip Length: (kilometres)  
5.2 3.1 20.4 23.3

**Trips Made to Ward 3**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	11,600	78%	11%	5%	*	3%
24 hours	46,000	73%	18%	5%	1%	2%



\* is used to denote categories that have less than four observations or survey records



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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 6,300

Dwelling Type	House	Townhouse	Apartment
	87%	5%	8%

Household Size (persons)	Household Size			
	1	2	3	4+
	8%	24%	21%	33%
				14%

No. of Available Vehicles	No. of Available Vehicles			
	0	1	2	3
	2%	22%	61%	10%
				4%

Household Averages	Household Averages			
	Persons	Workers	Drivers	Vehicles
	3.3	1.7	2.1	1.9
				7.8

**TOTAL POPULATION:** 20,500

Male	Male				Female			
	Population	Licensed Drivers	Transit Pass	Student	Full time	Part time	Work at Home F/T	Work at Home P/T
	10,100	66%	5%	30%	50%	5%	3%	*
	10,400	65%	4%	28%	33%	12%	3%	1%

On survey day: Made work trip

Professional	46%
Sales & Service	44%

Occupation Type	Occupation Type			
	Clerical	Manufacturing	Professional	Sales & Service
	11%	12%	59%	19%

Age	Age			
	0-10	11-15	16-25	26-45
	18%	10%	11%	34%
				20%
				7%

Daily trips/Person (age 11+): 2.9

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 4**

Time Period	Trip Purpose Category			
	HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	12,300	24.8%	21%	11%
24 hours	49,500	28%	12%	20%

Percentage of trips made within district: 6-9 a.m. = 14% 24 hours = 14%

**Trips Made to Ward 4**

Time Period	Destination Purpose			
	Work	School	Home	Other
6 - 9 a.m.	6,200	16.2%	22%	8%
24 hours	38,300	10%	4%	52%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 4**

Time Period	Mode of Travel					
	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	12,300	67%	14%	6%	4%	6%
24 hours	49,500	72%	16%	4%	2%	3%

Median Trip Length: (kilometres)

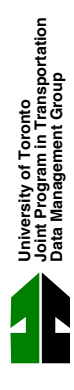
6-9 a.m.	7.4
24 hours	15.1

**Trips Made to Ward 4**

Time Period	Mode of Travel					
	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	6,200	70%	15%	2%	*	6%
24 hours	38,300	72%	17%	3%	1%	4%



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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 9,200

Dwelling Type	House	Townhouse	Apartment		
	56%	9%	35%		
Household Size (persons)	1	2	3	4	5+
	19%	30%	19%	21%	11%

No. of Available Vehicles	0	1	2	3	4+
	4%	43%	41%	9%	3%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.8	1.5	2.0	1.6	6.3

**TOTAL POPULATION:** 25,400

Male	Population 12,300	Transit Pass 5%	Licenced Drivers 73%	Student 26%	Employment Status		
					Full time 47%	Part time 7%	Work at Home F/T P/T 2% *
Female	13,200	7%	69%	26%	35%	13%	1%
On survey day: Made work trip				87%	46%	56%	*

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	15%	15%	46%	24%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	37.5	7%	15%	28%	25%	12%

Daily trips/Person (age 11+): 2.6

## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 5

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	13,800	24.0%	24%	17%	10%
24 hours	57,600	31%	13%	40%	16%

Percentage of trips made within district: 6-9 a.m. = 16% 24 hours = 18%

#### Trips Made to Ward 5

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	6,100	12.5%	30%	38%
24 hours	48,800	8%	5%	49%

### MODE OF TRAVEL

#### Trips Made by Residents of Ward 5

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	13,800	64%	12%	9%	2%	7%
24 hours	57,600	69%	16%	6%	1%	5%

Median Trip Length: (kilometres)  
6.3 3.8 12.4 23.6

#### Trips Made to Ward 5

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	6,100	54%	16%	6%	*	16%
24 hours	48,800	68%	18%	5%	1%	5%

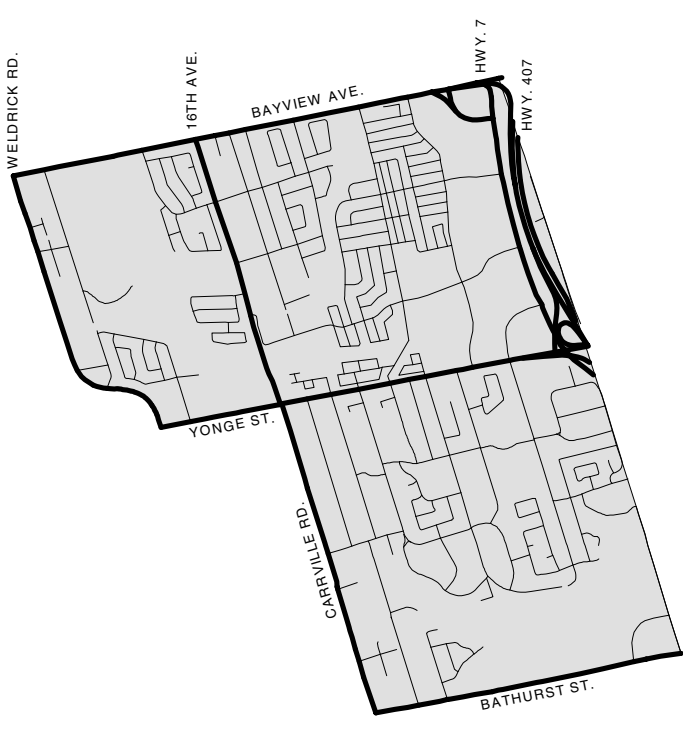
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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		5,900	
Dwelling Type	House	Townhouse	Apartment
	72%	12%	16%
Household Size (persons)	1	2	3
	15%	24%	19%
No. of Available Vehicles	0	1	2
	6%	29%	48%
Household Averages	Persons	Workers	Drivers
	3.1	1.5	2.1
	Vehicles	Vehicles	Trips/Day
	1.8	1.8	6.8
	4+	4+	4%

<b>TOTAL POPULATION:</b>		18,500	
Male	Population	Licenced Drivers	Student
	8,500	73%	28%
Female	Population	Licenced Drivers	Student
	10,000	62%	31%
On survey day: Made work trip		Professional	Sales & Service
	14%	18%	46%
Occupation Type	Clerical	Manufacturing	Professional
	14%	18%	46%
Age	Median	0-10	11-15
	34.7	15%	8%
Daily trips/Person (age 11+):	2.6	16-25	26-45
		13%	32%
	22%	46-64	65+
	9%		



## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 6</b>	
Time Period	Trips	% of 24 hr.	Trip Purpose Category
6 - 9 a.m.	10,200	25.5%	HB-W
			HB-S
			HB-D
			N-HB
24 hours	40,000	33%	15%
Percentage of trips made within district: 6-9 a.m. = 13% 24 hours = 12%			
<b>Trips Made to Ward 6</b>		<b>Destination Purpose</b>	
Time Period	Trips	% of 24 hr.	Work
6 - 9 a.m.	7,800	19.3%	School
			Home
			Other
24 hours	40,400	12%	5%
			42%
			41%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 6</b>	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	10,200	59%	14%
			Local Transit
			GO Train
			Walk & Cycle
24 hours	40,000	67%	15%
			8%
			2%
			3%
Median Trip Length: (kilometres)			
	5.5	3.5	15.4
	21.8		
<b>Trips Made to Ward 6</b>		<b>Auto Driver</b>	
Time Period	Trips	Auto Passng.	Local Transit
6 - 9 a.m.	7,800	66%	14%
			7%
			GO Train
			Walk & Cycle
24 hours	40,400	70%	18%
			5%
			1%
			2%
			4%

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# TOWN OF WHITCHURCH-STOUFFVILLE

## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		7,400	
Dwelling Type	House	Townhouse	Apartment
	90%	3%	8%
Household Size (persons)	1	3	4
	15%	38%	21%
No. of Available Vehicles	0	2	3
	3%	30%	49%
Household Averages	Persons	Workers	Drivers
	2.8	1.4	2.0
	Vehicles	Vehicles	Trips/Day
	1.9	1.9	6.3

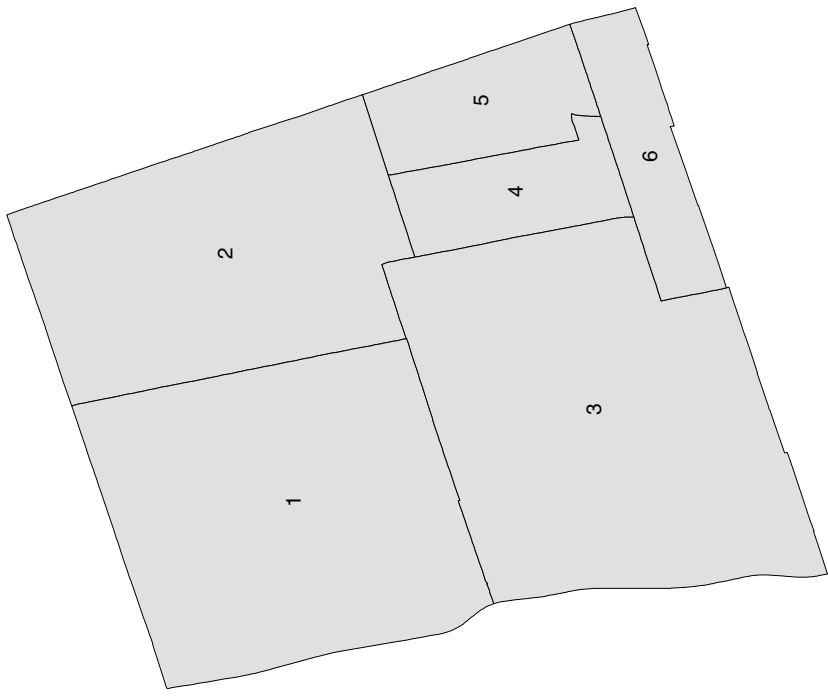
<b>TOTAL POPULATION:</b>		20,700	
Male	Population	Licensed Drivers	Student
	10,500	71%	24%
Female	10,200	70%	21%
	2%	2%	21%
	On survey day:	Made work trip	85%
		52%	37%
		19%	*
Occupation Type	Clerical	Manufacturing	Professional
	13%	20%	48%
	Sales & Service	19%	
Age	Median	0-10	11-15
	38.4	17%	6%
	Daily trips/Person (age 11+):	2.7	
		16-25	26-45
		8%	33%
		46-64	65+
		22%	13%

<b>Employment Status</b>			
Full time	Part time	Work at Home F/T	Work at Home P/T
47%	4%	4%	1%

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Whitchurch-Stouffville</b>			
Time Period	Trips	% of 24 hr.	HB-W	HB-S	N-HB
6 - 9 a.m.	9,400	20.3%	60%	16%	9%
24 hours	46,200	32%	9%	41%	18%
Percentage of trips made within district: 6-9 a.m. = 30% 24 hours = 34%					
<b>Trips Made to Whitchurch-Stouffville</b>		<b>Destination Purpose</b>			
Time Period	Trips	% of 24 hr.	Work	School	Home
6 - 9 a.m.	7,000	17.9%	55%	17%	4%
24 hours	39,300	14%	4%	48%	34%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Whitchurch-Stouffville</b>					
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	9,400	74%	9%	*	3%	6%	8%
24 hours	46,200	76%	14%	0%	1%	4%	4%
Median Trip Length: (kilometres)		12.0	10.0	15.9	36.8		
<b>Trips Made to Whitchurch-Stouffville</b>		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
Time Period	Trips	74%	11%	*	*	8%	7%
6 - 9 a.m.	7,000	77%	14%	*	1%	5%	3%
24 hours	39,300	77%	14%	*	1%	5%	3%



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# TOWN OF WHITCHURCH-STOUFFVILLE - WARD 1

## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		800	
Dwelling Type	House	Townhouse	Apartment
	100%	*	*
Household Size (persons)	1	3	4
	12%	46%	21%
No. of Available Vehicles	0	2	3
	*	25%	47%
Household Averages	Persons	Workers	Drivers
	2.6	1.5	2.0
	Vehicles	Vehicles	Trips/Day
	2.1	2.1	6.6

<b>TOTAL POPULATION:</b>		2,200	
Male	Population	Licenced Drivers	Student
	1,200	* 79%	21%
Female	Population	Licenced Drivers	Student
	1,000	* 75%	17%
On survey day: Made work trip		Full time	Part time
		86%	58%
Occupation Type	Clerical	Manufacturing	Professional
	13%	25%	39%
Age	Median	0-10	11-15
	47.8	8%	7%
Daily trips/Person (age 11+):	2.7	16-25	26-45
		8%	22%
		46-64	65+
		32%	23%

### Employment Status

Full time	Part time	Work at Home
40%	10%	8%

Transit Pass	Licenced Drivers	Student
*	79%	21%

Transit Pass	Licenced Drivers	Student
*	79%	21%

Male	Female	On survey day: Made work trip
1,200	1,000	86%

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	13%	25%	39%	23%

Age	Median	0-10	11-15	16-25	26-45	46-64	65+
	47.8	8%	7%	8%	22%	32%	23%

Daily trips/Person (age 11+): 2.7

## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 1

Time Period	Trips	% of 24 hr.	HB-W	HB-S	HB-D	N-HB
	1,000	18.2%	58%	20%	10%	12%
24 hours	5,500	28%	9%	39%	24%	

Percentage of trips made within district: 6-9 a.m. = 0% 24 hours = 0%

#### Trips Made to Ward 1

Time Period	Trips	% of 24 hr.	Work	School	Home	Other
	700	17.5%	65%	*	*	32%
24 hours	4,000	19%	*	51%	29%	

### MODE OF TRAVEL

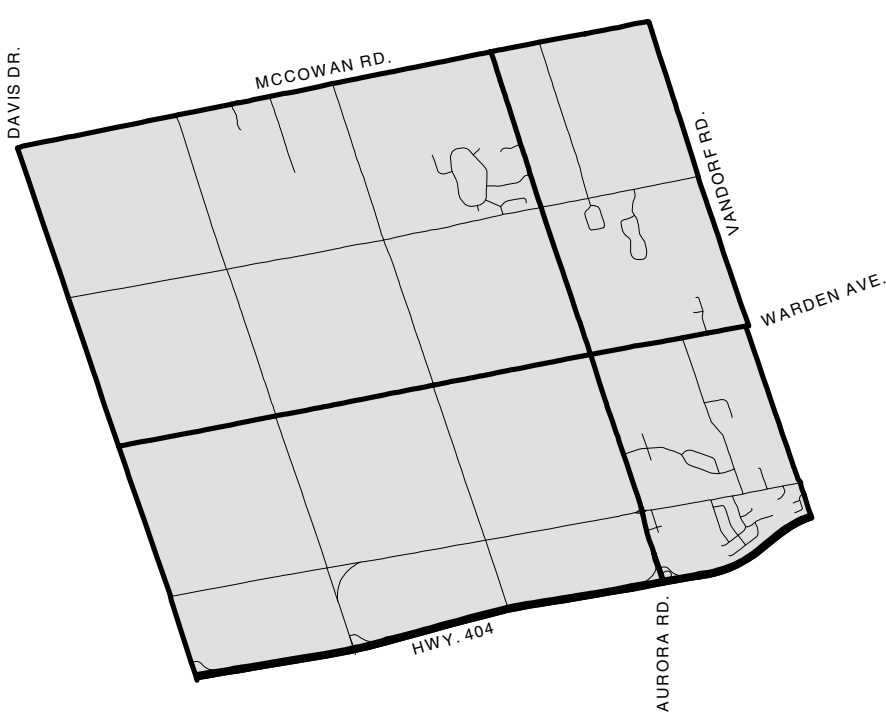
#### Trips Made by Residents of Ward 1

Time Period	Trips	Auto Driver	Auto Passing.	Local Transit	GO Train	Walk & Cycle	Other
	1,000	72%	8%	*	*	*	18%
24 hours	5,500	74%	19%	*	*	*	6%

Median Trip Length: (kilometres)  
11 8.1 \*

#### Trips Made to Ward 1

Time Period	Trips	Auto Driver	Auto Passing.	Local Transit	GO Train	Walk & Cycle	Other
	700	85%	15%	*	*	*	*
24 hours	4,000	77%	19%	*	*	*	4%



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# TOWN OF WHITCHURCH-STOUFFVILLE - WARD 2

## DEMOGRAPHIC CHARACTERISTICS

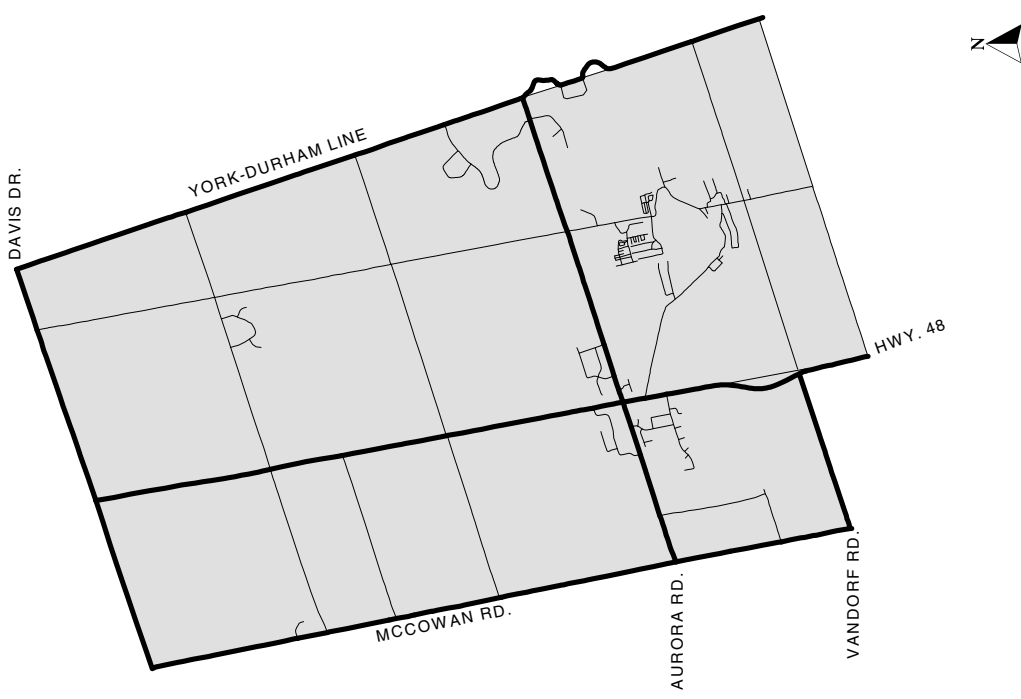
<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		1,100	
Dwelling Type	House	Townhouse	Apartment
	98%	*	*
Household Size (persons)	1	3	4
	22%	35%	7%
No. of Available Vehicles	0	1	2
	*	35%	39%
Household Averages	Persons	Workers	Drivers
	2.7	1.4	2.0
	Vehicles	Drivers	Vehicles
	2.0	2.0	2.0
	Trips/Day	Trips/Day	Trips/Day
	6.0	6.0	6.0

<b>TOTAL POPULATION:</b>		2,900	
Male	Population	Licenced Drivers	Student
	1,500	* 72%	24%
Female	Population	Licenced Drivers	Student
	1,400	* 78%	16%
On survey day: Made work trip			
	Full time	Part time	Work at Home
	47%	7%	* 62%
Occupation Type	Clerical	Manufacturing	Professional
	9%	20%	57%
Age	Median	0-10	11-15
	37.0	17%	3%
	16-25	26-45	46-64
	10%	33%	29%
	65+	6%	
Daily trips/Person (age 11+): 2.7			

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 2</b>	
Time Period	Trips	% of 24 hr.	Trip Purpose Category
6 - 9 a.m.	1,200	18.8%	HB-W
	6,400	32%	HB-S
		60%	HB-D
		15%	N-HB
		16%	8%
		7%	19%
		42%	3%
Percentage of trips made within district: 6-9 a.m. = 2% 24 hours = 3%			
<b>Trips Made to Ward 2</b>		<b>Destination Purpose</b>	
Time Period	Trips	% of 24 hr.	Work
6 - 9 a.m.	400	11.1%	School
	3,600	9%	Home
		20%	Other
		25%	19%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 2</b>	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	1,200	82%	10%
	6,400	84%	11%
		1%	3%
		43	
Median Trip Length: (kilometres)			
<b>Trips Made to Ward 2</b>		<b>Mode of Travel</b>	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	400	100%	*
	3,600	86%	11%
		*	*
		*	2%



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# TOWN OF WHITCHURCH-STOUFFVILLE - WARD 3

## DEMOGRAPHIC CHARACTERISTICS

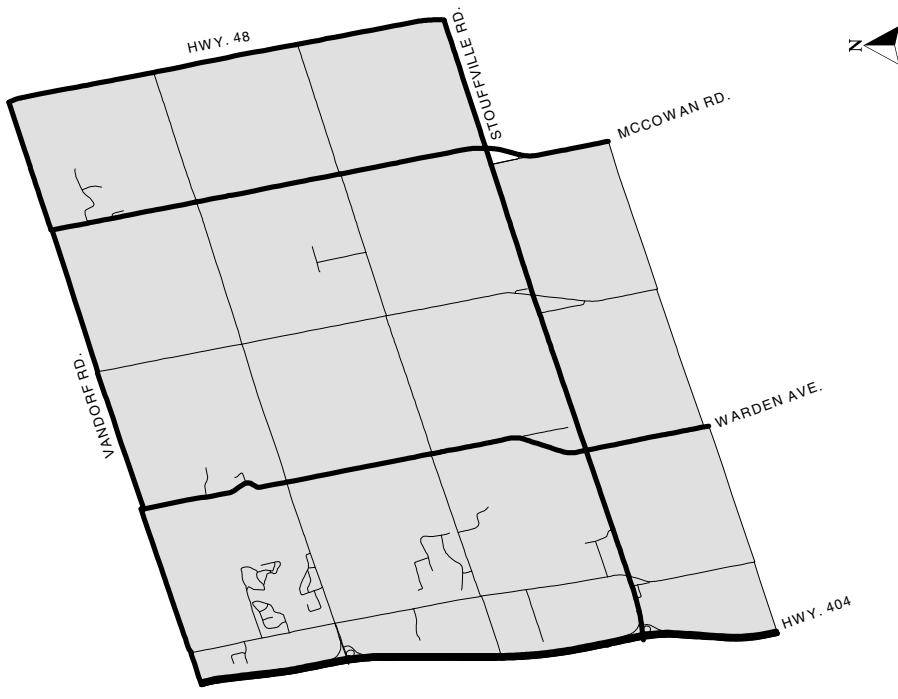
<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		600			
Dwelling Type	House 92%	Townhouse *	Apartment *		
Household Size (persons)	1	2	3	4	5+
	*	40%	22%	17%	*
No. of Available Vehicles	0	1	2	3	4+
	*	15%	52%	30%	*
Household Averages	Persons 2.8	Workers 1.3	Drivers 2.0	Vehicles 2.1	Trips/Day 5.0

<b>TOTAL POPULATION:</b>		1,700						
Male	Population 700	Transit Pass *	Licensed Drivers 80%	Student 14%	Full time 42%	Part time *	Work at Home F/T 11%	P/T *
Female	1,000	*	67%	21%	31%	*	*	*
On survey day: Made work trip		80%		51%		11%		
Occupation Type	Clerical 12%	Manufacturing 25%	Professional 51%	Sales & Service 11%				
Age	Median 41.6	0-10 20%	11-15 *	16-25 5%	26-45 31%	46-64 27%	65+ 15%	
Daily trips/Person (age 11+):		2.3						

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 3</b>	
Time Period 6 - 9 a.m.	Trips 700	% of 24 hr. 23.3%	N-HB 15%
24 hours	3,000	34%	19%
Percentage of trips made within district: 6-9 a.m. = 3%    24 hours = 3%			
<b>Trips Made to Ward 3</b>		<b>Destination Purpose</b>	
Time Period 6 - 9 a.m.	Trips 1,400	% of 24 hr. 26.9%	Work 81%
24 hours	5,200	29%	24% 46%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 3</b>	
Time Period 6 - 9 a.m.	Trips 700	Auto Driver 91%	Auto Passing. *
24 hours	3,000	90%	7%
Median Trip Length: (kilometres)		13.2	15.7
<b>Trips Made to Ward 3</b>		<b>Mode of Travel</b>	
Time Period 6 - 9 a.m.	Trips 1,400	Auto Driver 86%	Auto Passing. 12%
24 hours	5,200	85%	13%



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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 900

**Dwelling Type**  
 House 82%  
 Townhouse \*  
 Apartment 11%

**Household Size (persons)**  
 1 20%  
 2 38%  
 3 20%  
 4 16%  
 5+ \*

**No. of Available Vehicles**  
 0 13%  
 1 31%  
 2 47%  
 3+ \*

**Household Averages**  
 Persons 2.5  
 Workers 1.2  
 Drivers 1.7  
 Vehicles 1.6  
 Trips/Day 5.0

**TOTAL POPULATION:** 2,300

**Population**  
 1,100

**Male**  
 1,100

**Female**  
 1,100

On survey day: Made work trip

**Occupation Type**  
 Clerical 11%  
 Manufacturing 18%  
 Professional 46%  
 Sales & Service 25%

**Age**  
 Median 37.7  
 0-10 22%  
 11-15 \*  
 16-25 7%  
 26-45 39%  
 46-64 14%  
 65+ 16%

Daily trips/Person (age 11+): 2.5

### Employment Status

Full time 42%  
 Part time 7%  
 Work at Home F/T \*  
 P/T \*

Student 30%  
 Licenced Drivers 67%  
 Transit Pass \*  
 Population 1,100

On survey day: Made work trip

Professional 46%  
 Sales & Service 25%

0-10 22%  
 11-15 \*  
 16-25 7%  
 26-45 39%  
 46-64 14%  
 65+ 16%

Daily trips/Person (age 11+): 2.5

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 4**

**Time Period**  
 6 - 9 a.m. 900  
 24 hours 4,500

Percentage of trips made within district: 6-9 a.m. = 24% 24 hours = 22%

**Destination Purpose**  
 Work 39%  
 School 32%  
 Home \*  
 Other 27%

**Trips Made to Ward 4**

**Time Period**  
 6 - 9 a.m. 2,200  
 24 hours 7,500

Percentage of trips made within district: 6-9 a.m. = 24% 24 hours = 22%

**Destination Purpose**  
 Work 39%  
 School 32%  
 Home \*  
 Other 27%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 4**

**Time Period**  
 6 - 9 a.m. 900  
 24 hours 4,500

Percentage of trips made within district: 6-9 a.m. = 24% 24 hours = 22%

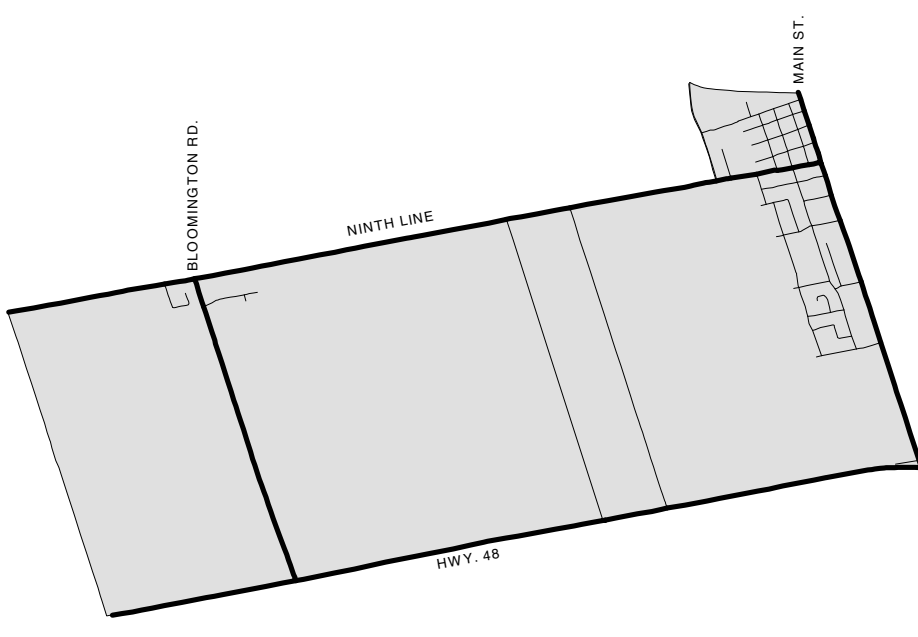
**Destination Purpose**  
 Work 39%  
 School 32%  
 Home \*  
 Other 27%

**Trips Made to Ward 4**

**Time Period**  
 6 - 9 a.m. 2,200  
 24 hours 7,500

Percentage of trips made within district: 6-9 a.m. = 24% 24 hours = 22%

**Destination Purpose**  
 Work 39%  
 School 32%  
 Home \*  
 Other 27%



\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

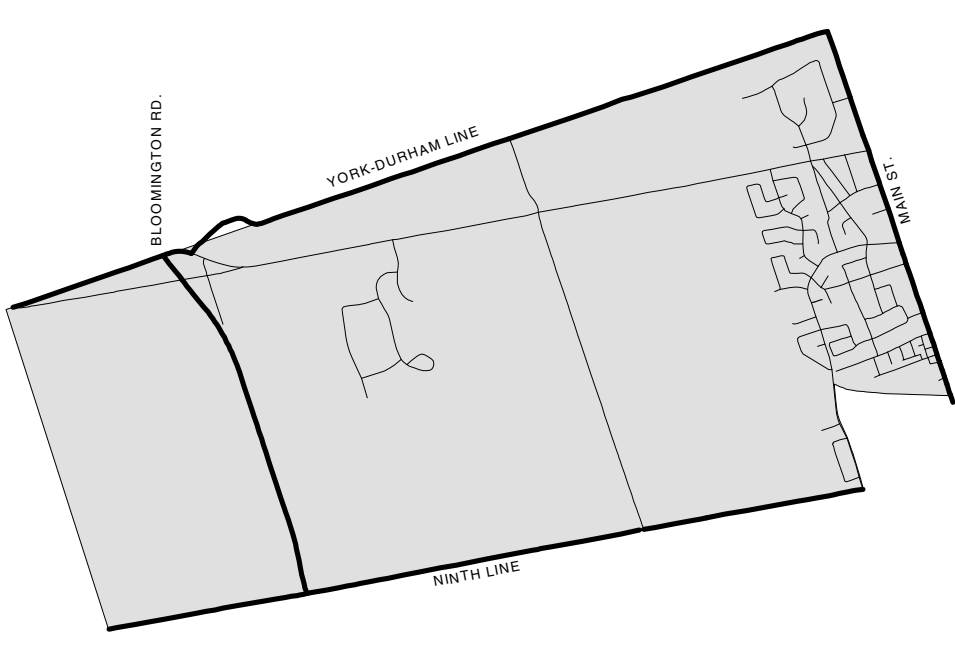
<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	2,100				
Dwelling Type	House	Townhouse			
	92%	*			
Household Size (persons)	1	2	3	4	5+
	11%	33%	16%	23%	17%
	No. of Available Vehicles				
	0	1	2	3	4+
	*	26%	59%	11%	4%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.1	1.7	2.0	1.9	7.2

<b>TOTAL POPULATION:</b>	6,400							
Male	Population	Licenced Drivers	Transit Pass	Student	Full time	Part time	Work at Home F/T	Work at Home P/T
	3,500	64%	3%	28%	51%	4%	3%	*
Female	2,900	66%	*	23%	29%	17%	*	*
	On survey day: Made work trip							
		87%	48%	50%				
Occupation Type	Clerical	Manufacturing	Professional	Sales & Service				
	15%	17%	48%	20%				
Age	Median	0-10	11-15	16-25	26-45	46-64	65+	
	35.7	21%	8%	8%	39%	17%	7%	
Daily trips/Person (age 11+): 2.9								

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 5</b>				
Time Period	Trips	% of 24 hr.	HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	3,100	20.9%	62%	16%	13%	10%
24 hours	14,800	33%	12%	39%	17%	
Percentage of trips made within district: 6-9 a.m. = 5% 24 hours = 8%						
<b>Trips Made to Ward 5</b>		<b>Destination Purpose</b>				
Time Period	Trips	% of 24 hr.	Work	School	Home	Other
6 - 9 a.m.	500	6.0%	53%	*	15%	28%
24 hours	8,300	7%	*	*	74%	19%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 5</b>						
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other	
6 - 9 a.m.	3,100	75%	9%	*	3%	7%	6%	
24 hours	14,800	75%	13%	*	1%	8%	3%	
Median Trip Length: (kilometres)								
		12.9	10	*	36.8			
<b>Trips Made to Ward 5</b>		<b>Mode of Travel</b>						
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other	
6 - 9 a.m.	500	86%	*	*	*	*	*	
24 hours	8,300	76%	12%	*	*	9%	3%	



\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 1,900

**TOTAL POPULATION:** 5,200

Dwelling Type      House 80%      Townhouse \*      Apartment 17%

Household Size (persons)      1 15%      2 42%      3 13%      4 18%      5+ 13%

No. of Available Vehicles      0 4%      1 36%      2 44%      3 9%      4+ 6%

Household Averages      Persons 2.8      Workers 1.3      Drivers 2.0      Vehicles 1.9      Trips/Day 6.4

Male      Population 2,400      Transit Pass 4%      Licenced Drivers 74%      Student 19%      Full time 47%      Part time \*

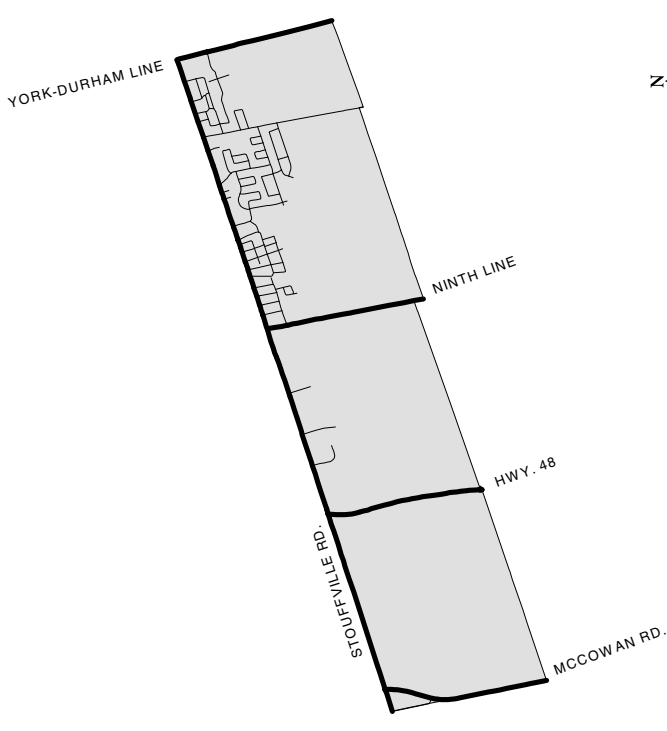
Female      Population 2,800      Transit Pass 4%      Licenced Drivers 68%      Student 22%      Full time 34%      Part time \*

On survey day:      Made work trip      83%      54%      \*

Occupation Type      Clerical 13%      Manufacturing 22%      Professional 47%      Sales & Service 17%

Age      Median 39.8      0-10 12%      11-15 8%      16-25 7%      26-45 30%      46-64 23%      65+ 19%

Daily trips/Person (age 11+): 2.6



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 6

Time Period      Trips 2,500      % of 24 hr. 20.8%      HB-W 57%      HB-S 19%      HB-D 16%      N-HB 8%

24 hours      12,000      29%      9%      45%      17%

Percentage of trips made within district: 6-9 a.m. = 13%      24 hours = 16%

#### Trips Made to Ward 6

Time Period      Trips 1,700      % of 24 hr. 15.9%      Work 50%      School 23%      Home \*      Other 26%

24 hours      10,700      12%      4%      47%      38%

### MODE OF TRAVEL

#### Trips Made by Residents of Ward 6

Time Period      Trips 2,500      Auto Driver 65%      Auto Passng. 9%      Local Transit \*      GO Train 6%      Walk & Cycle 10%      Other 10%

24 hours      12,000      69%      18%      \*      3%      5%      4%

Median Trip Length: (kilometres)      11.7      11.3      \*      36.4

#### Trips Made to Ward 6

Time Period      Trips 1,700      Auto Driver 69%      Auto Passng. 7%      Local Transit \*      GO Train \*      Walk & Cycle 11%      Other 12%

24 hours      10,700      75%      15%      \*      1%      5%      4%

\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 61,000

Dwelling Type      House      Townhouse      Apartment  
 82%      9%      9%

Household Size (persons)      1      2      3      4      5+  
 9%      24%      23%      27%      16%

No. of Available Vehicles      0      1      2      3      4+  
 3%      27%      51%      14%      4%

Household Averages      Persons      Workers      Drivers      Vehicles      Trips/Day  
 3.2      1.7      2.3      1.9      7.6

**TOTAL POPULATION:** 198,200

Male      Population      Transit Pass      Licenced Drivers      Student      Full time      Part time      Work at Home P/T  
 99,300      4%      72%      29%      47%      6%      3%      1%

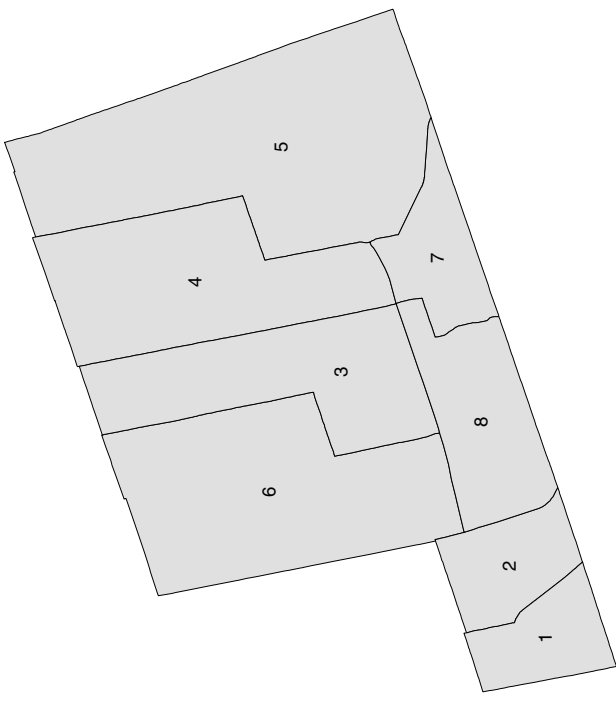
Female      98,900      4%      67%      25%      34%      11%      1%      1%

On survey day:      Made work trip      88%      50%      35%      16%

Occupation Type      Clerical      Manufacturing      Professional      Sales & Service  
 14%      15%      52%      19%

Age      Median      0-10      11-15      16-25      26-45      46-64      65+  
 36.9      13%      8%      15%      31%      25%      9%

Daily trips/Person (age 11+):      2.7



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Markham

Time Period      Trips      % of 24 hr.      HB-W      HB-S      HB-D      N-HB  
 6 - 9 a.m.      113,300      24.4%      47%      23%      20%      9%

24 hours      463,600      30%      13%      40%      16%

Percentage of trips made within district: 6-9 a.m. = 46%      24 hours = 46%

#### Trips Made to Markham

Time Period      Trips      % of 24 hr.      Work      School      Home      Other  
 6 - 9 a.m.      124,400      25.6%      59%      19%      5%      17%

24 hours      486,600      21%      5%      40%      34%

### MODE OF TRAVEL

#### Trips Made by Residents of Markham

Time Period      Trips      Auto Driver      Auto Passng.      Local Transit      GO Train      Walk & Cycle      Other  
 6 - 9 a.m.      113,300      65%      15%      7%      2%      7%      4%

24 hours      463,600      69%      18%      6%      1%      4%      2%

Median Trip Length: (kilometres)      5.6      3.8      16.5      24.8

#### Trips Made to Markham

Time Period      Trips      Auto Driver      Auto Passng.      Local Transit      GO Train      Walk & Cycle      Other  
 6 - 9 a.m.      124,400      72%      14%      4%      \*      6%      4%

24 hours      486,600      72%      17%      4%      1%      4%      2%

\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		8,200	
Dwelling Type	House	Townhouse	Apartment
	48%	14%	38%
Household Size (persons)	1	3	4
	21%	38%	17%
No. of Available Vehicles	0	2	3
	8%	44%	40%
Household Averages	Persons	Workers	Drivers
	2.5	1.3	1.9
	Vehicles	Vehicles	Trips/Day
		1.5	6.0

<b>TOTAL POPULATION:</b>		20,600	
Male	Population	Licenced Drivers	Transit Pass
	9,800	77%	5%
Female	Population	Licenced Drivers	Transit Pass
	10,800	71%	3%
On survey day: Made work trip			
Occupation Type	Clerical	Manufacturing	Professional
	13%	10%	56%
Age	Median	0-10	11-15
	43.7	9%	5%
Daily trips/Person (age 11+):	2.6	16-25	26-45
		12%	28%
Sales & Service			
		21%	
<b>Employment Status</b>			
Full time	44%	Part time	5%
	30%	Work at Home	1%
88%	61%	48%	*

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 1</b>	
Time Period	Trips	% of 24 hr.	Trip Purpose Category
6 - 9 a.m.	10,300	21.0%	HB-W
24 hours	49,100	29%	HB-S
Percentage of trips made within district: 6-9 a.m. = 16% 24 hours = 16%			
<b>Trips Made to Ward 1</b>		<b>Destination Purpose</b>	
Time Period	Trips	% of 24 hr.	Work
6 - 9 a.m.	9,600	19.2%	School
24 hours	49,900	14%	Home
		6%	Other
		40%	41%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 1</b>	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	10,300	60%	13%
24 hours	49,100	68%	15%
Median Trip Length: (kilometres)			
	4.8	3.9	19.4
<b>Trips Made to Ward 1</b>		<b>Mode of Travel</b>	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	9,600	63%	16%
24 hours	49,900	69%	17%
		7%	0%
		5%	2%



\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 6,900

Dwelling Type    House 78%    Townhouse 18%    Apartment 4%

Household Size (persons)    1 9%    2 26%    3 27%    4 26%    5+ 12%

No. of Available Vehicles    0 2%    1 19%    2 59%    3 16%    4+ 4%

Household Averages    Persons 3.1    Workers 1.7    Drivers 2.3    Vehicles 2.0    Trips/Day 7.9

**TOTAL POPULATION:** 21,200

Male    Population 10,700    Transit Pass 6%    Licenced Drivers 74%    Student 30%    Full time 46%    Part time 8%    Work at Home F/T 3%    P/T 1%

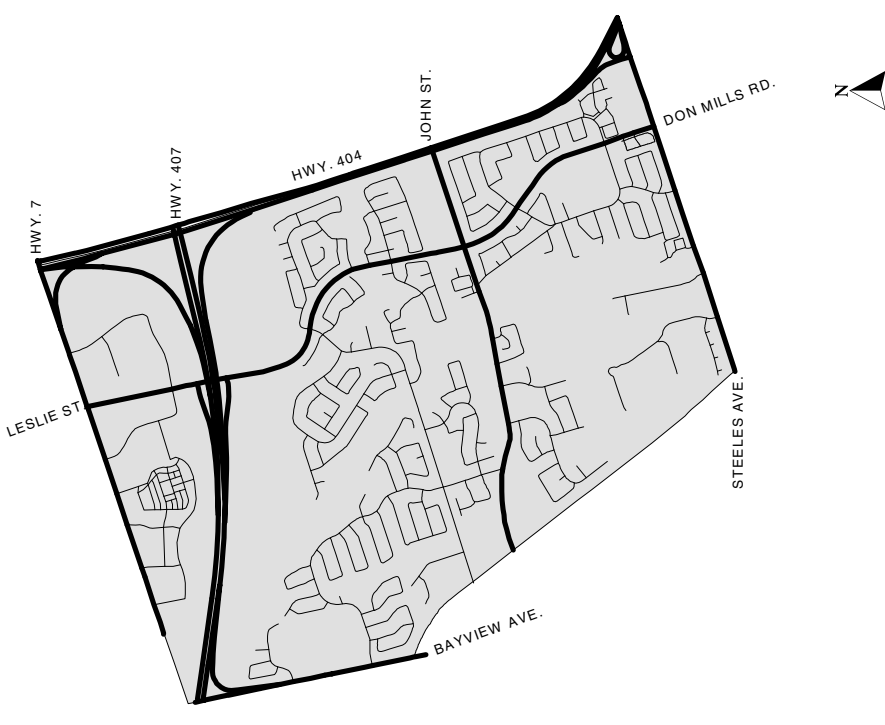
Female    Population 10,500    Transit Pass 4%    Licenced Drivers 76%    Student 25%    Full time 36%    Part time 14%    Work at Home F/T 2%    P/T 1%

On survey day:    Made work trip 87%    52%    39%    \*

Occupation Type    Clerical 11%    Manufacturing 8%    Professional 61%    Sales & Service 19%

Age    Median 40.7    0-10 11%    11-15 8%    16-25 16%    26-45 24%    46-64 35%    65+ 7%

Daily trips/Person (age 11+): 2.8



## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 2**

Time Period	Trips	Trip Purpose Category				
		HB-W	HB-S	HB-D	N-HB	
6 - 9 a.m.	12,700	23.5%	47%	23%	20%	10%
24 hours	54,000	28%	13%	40%	40%	18%

Percentage of trips made within district: 6-9 a.m. = 20%    24 hours = 13%

**Trips Made to Ward 2**

Time Period	Trips	Destination Purpose				
		Work	School	Home		
6 - 9 a.m.	14,900	26.9%	59%	23%	3%	15%
24 hours	55,300	23%	7%	40%	31%	31%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 2**

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	12,700	67%	13%	8%	1%	4%	6%
24 hours	54,000	71%	16%	6%	1%	2%	3%

Median Trip Length: (kilometres)    5.7    4.5    16.6    19.1

**Trips Made to Ward 2**

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	14,900	70%	13%	5%	*	5%	7%
24 hours	55,300	72%	16%	5%	0%	3%	4%

\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 10,100

Dwelling Type    House 85%    Townhouse 8%    Apartment 7%

Household Size (persons)    1 8%    2 25%    3 23%    4 29%    5+ 15%

No. of Available Vehicles    0 2%    1 24%    2 57%    3 13%    4+ 4%

Household Averages    Persons 3.2    Workers 1.7    Drivers 2.3    Vehicles 1.9    Trips/Day 7.9

**TOTAL POPULATION:** 32,600

Male 16,400    Female 16,200    On survey day: Made work trip

Transit Pass 3%    Licenced Drivers 72%    Student 30%

Employment Status: Full time 46%, Part time 5%, Work at Home F/T 3%, P/T 1%

Occupation Type    Clerical 12%    Manufacturing 11%    Professional 61%    Sales & Service 16%

Age    Median 38.0    0-10 12%    11-15 8%    16-25 14%    26-45 31%    46-64 26%    65+ 9%

Daily trips/Person (age 11+): 2.8

## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m.    Trips 18,400    % of 24 hr. 23.2%    HB-W 44%    HB-S 24%    HB-D 23%    N-HB 9%

24 hours    79,300    28%    13%    42%    17%

Percentage of trips made within district: 6-9 a.m. = 20%    24 hours = 22%

#### Trips Made to Ward 3

Time Period 6 - 9 a.m.    Trips 10,700    % of 24 hr. 14.9%    Work 43%    School 24%    Home 9%    Other 23%

24 hours    72,000    11%    4%    46%    39%

### MODE OF TRAVEL

#### Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m.    Trips 18,400    Auto Driver 65%    Auto Passng. 16%    Local Transit 5%    GO Train 4%    Walk & Cycle 6%    Other 4%

24 hours    79,300    70%    19%    4%    2%    3%    2%

Median Trip Length: (kilometres)    5.2    3.8    20.8    25.4

#### Trips Made to Ward 3

Time Period 6 - 9 a.m.    Trips 10,700    Auto Driver 68%    Auto Passng. 16%    Local Transit 2%    GO Train \* 2%    Walk & Cycle 8%    Other 6%

24 hours    72,000    71%    20%    3%    1%    3%    2%



\* is used to denote categories that have less than four observations or survey records

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 5,500

**Dwelling Type**  
House 78%  
Townhouse 7%  
Apartment 15%

**Household Size (persons)**  
1 16%  
2 26%  
3 19%  
4 29%  
5+ 9%

**No. of Available Vehicles**  
0 7%  
1 29%  
2 46%  
3 13%  
4+ 5%

**Household Averages**  
Persons 2.9  
Workers 1.5  
Drivers 2.1  
Vehicles 1.8  
Trips/Day 7.5

**TOTAL POPULATION:** 16,200

**Male**  
Population 8,200  
Transit Pass 4%  
Licenced Drivers 75%  
Student 27%  
Full time 43%  
Part time 7%  
Work at Home F/T 3%  
P/T \*

**Female**  
Population 8,000  
Transit Pass 4%  
Licenced Drivers 68%  
Student 25%  
Full time 31%  
Part time 15%  
Work at Home F/T \*  
P/T \*

**On survey day: Made work trip**  
87%  
55%  
31%

**Occupation Type**  
Clerical 12%  
Manufacturing 16%  
Professional 51%  
Sales & Service 21%

**Age**  
Median 39.8  
0-10 11%  
11-15 8%  
16-25 13%  
26-45 28%  
46-64 24%  
65+ 15%

Daily trips/Person (age 11+): 2.9



## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 4**

**Time Period**  
6 - 9 a.m. 9,900 Trips  
23.7%  
24 hours 41,700 Trips

**Trip Purpose Category**  
HB-W 45%  
HB-S 22%  
HB-D 23%  
N-HB 11%  
26%  
12%  
46%  
17%

Percentage of trips made within district: 6-9 a.m. = 21% 24 hours = 20%

**Trips Made to Ward 4**

**Time Period**  
6 - 9 a.m. 8,100 Trips  
19.7%  
24 hours 41,200 Trips

**Destination Purpose**  
Work 39%  
School 30%  
Home 7%  
Other 24%  
10%  
6%  
42%  
41%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 4**

**Time Period**  
6 - 9 a.m. 9,900 Trips  
24 hours 41,700 Trips

**Mode of Travel**  
Auto Driver 68%  
Auto Passng. 17%  
Local Transit 3%  
GO Train 4%  
Walk & Cycle 6%  
Other 2%  
72%  
18%  
4%  
2%  
4%  
1%

Median Trip Length: (kilometres)  
5.4  
3  
10  
26.5

**Trips Made to Ward 4**

**Time Period**  
6 - 9 a.m. 8,100 Trips  
24 hours 41,200 Trips

**Mode of Travel**  
Auto Driver 65%  
Auto Passng. 16%  
Local Transit 3%  
GO Train \* 3%  
Walk & Cycle 6%  
Other 11%  
72%  
18%  
3%  
1%  
3%  
3%

\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 8,800

Dwelling Type    House 91%    Townhouse 9%    Apartment 1%

Household Size (persons)    1 7%    2 25%    3 26%    4 29%    5+ 13%

No. of Available Vehicles    \* 0 21%    1 57%    2 19%    3 4%    4+ 3%

Household Averages    Persons 3.2    Workers 1.8    Drivers 2.3    Vehicles 2.0    Trips/Day 8.0

**TOTAL POPULATION:** 28,400

Male    Population 14,300    Transit Pass 4%    Licenced Drivers 71%    Student 29%    Full time 49%    Part time 6%    Work at Home F/T 3%    P/T \*

Female    14,100    4%    70%    23%    38%    12%    1%    1%

On survey day:    Made work trip    85%    47%    23%    \*

Occupation Type    Clerical 15%    Manufacturing 14%    Professional 52%    Sales & Service 19%

Age    Median 35.8    0-10 15%    11-15 8%    16-25 12%    26-45 34%    46-64 23%    65+ 7%

Daily trips/Person (age 11+): 2.9

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 5**

Time Period 6 - 9 a.m.    Trips 17,600    % of 24 hr. 25.0%    HB-W 46%    HB-S 23%    HB-D 20%    N-HB 10%

24 hours    70,400    29%    13%    42%    16%

Percentage of trips made within district: 6-9 a.m. = 24%    24 hours = 19%

**Trips Made to Ward 5**

Time Period 6 - 9 a.m.    Trips 9,800    % of 24 hr. 19.3%    Work 32%    School 35%    Home 9%    Other 23%

24 hours    50,900    9%    7%    57%    26%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 5**

Time Period 6 - 9 a.m.    Trips 17,600    Auto Driver 69%    Auto Passng. 13%    Local Transit 3%    GO Train 3%    Walk & Cycle 8%    Other 4%

24 hours    70,400    72%    17%    2%    2%    5%    2%

Median Trip Length: (kilometres)    7.2    3.8    22.1    27.8

**Trips Made to Ward 5**

Time Period 6 - 9 a.m.    Trips 9,800    Auto Driver 60%    Auto Passng. 17%    Local Transit 2%    GO Train \* 2%    Walk & Cycle 13%    Other 7%

24 hours    50,900    69%    18%    2%    1%    7%    3%



\* is used to denote categories that have less than four observations or survey records



University of Toronto  
Joint Program in Transportation  
Data Management Group

## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 7,000

Dwelling Type	House	Townhouse	Apartment
	86%	11%	2%

Household Size (persons)	1	2	3	4	5+
	6%	20%	26%	30%	19%

No. of Available Vehicles	0	1	2	3	4+
	*	21%	51%	17%	10%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.5	1.8	2.5	2.2	8.2

**TOTAL POPULATION:** 24,500

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	12,200	3%	72%	30%	44%	8%	2%
Female	12,300	2%	69%	26%	33%	11%	1%

On survey day: Made work trip 88% 38% 28% \*

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	15%	12%	55%	18%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	34.5	13%	8%	16%	30%	24%
		13%	8%	16%	30%	24%

Daily trips/Person (age 11+): 2.7

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 6**

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	13,800	24.0%	25%	23%	8%
24 hours	57,500	28%	15%	41%	16%

Percentage of trips made within district: 6-9 a.m. = 25% 24 hours = 20%

### Trips Made to Ward 6

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	25,300	32.8%	13%	3%
24 hours	77,100	31%	5%	31%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 6**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	13,800	68%	14%	3%	1%	5%
24 hours	57,500	71%	18%	3%	1%	3%

Median Trip Length: (kilometres)  
6.3 5.2 21.5 24.4

### Trips Made to Ward 6

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	25,300	78%	13%	3%	*	4%
24 hours	77,100	76%	17%	2%	0%	3%



\* is used to denote categories that have less than four observations or survey records

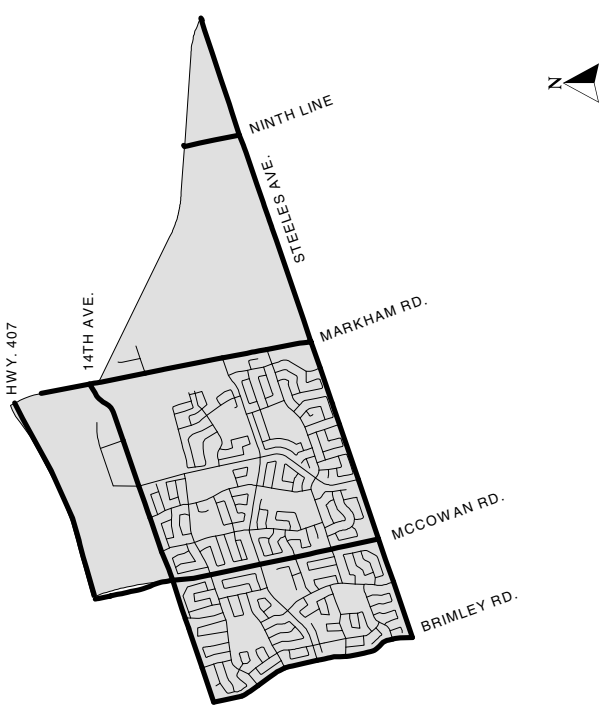


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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	8,700	
Dwelling Type	House	96%
	Townhouse	1%
Household Size (persons)	1	4%
	2	16%
	3	20%
	4	34%
No. of Available Vehicles	0	3%
	1	32%
	2	47%
	3	14%
Household Averages	Persons	3.8
	Workers	1.9
Drivers	Drivers	2.3
	Vehicles	1.8
Trips/Day	Trips/Day	7.8
	Trips/Day	7.8

<b>TOTAL POPULATION:</b>	33,300	
Population	Male	16,900
	Female	16,400
Licenced Drivers	Transit Pass	4%
	Licenced Drivers	66%
Student	On survey day: Made work trip	90%
	Student	30%
Employment Status	Full time	48%
	Part time	5%
Work at Home	F/T	1%
	P/T	*
Occupation Type	Clerical	15%
	Manufacturing	26%
Professional	Professional	37%
	Sales & Service	21%
Age	Median	33.0
	Age	33.0
Daily trips/Person (age 11+):	0-10	16%
	11-15	8%
Sales & Service	16-25	16%
	26-45	35%
65+	46-64	19%
	65+	7%



## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>	Trips Made by Residents of Ward 7	
Time Period	Trips	19,200
	% of 24 hr.	28.4%
24 hours	Trips	67,500
	% of 24 hr.	21.2%
Percentage of trips made within district:	6-9 a.m.	26%
	24 hours	18%
Trips Made to Ward 7	Trips	9,600
	% of 24 hr.	21.2%
24 hours	Trips	45,300
	% of 24 hr.	17%
Destination Purpose	Work	20%
	School	42%
Home	Home	13%
	Other	25%
24 hours	Work	6%
	School	9%
Home	Home	64%
	Other	20%

<b>MODE OF TRAVEL</b>	Trips Made by Residents of Ward 7	
Time Period	Trips	19,200
	% of 24 hr.	28.4%
24 hours	Trips	67,500
	% of 24 hr.	21.2%
Percentage of trips made within district:	6-9 a.m.	26%
	24 hours	18%
Trips Made to Ward 7	Trips	9,600
	% of 24 hr.	21.2%
24 hours	Trips	45,300
	% of 24 hr.	17%
Destination Purpose	Work	20%
	School	42%
Home	Home	13%
	Other	25%
24 hours	Work	6%
	School	9%
Home	Home	64%
	Other	20%

\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

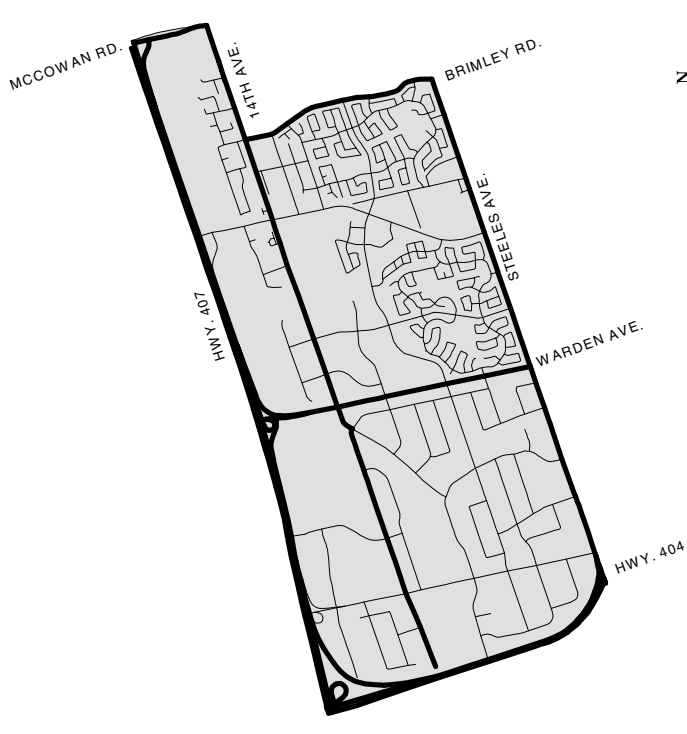
<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	5,900	
<b>Dwelling Type</b>	House	96%
	Townhouse	2%
<b>Household Size (persons)</b>	1	6%
	2	17%
<b>No. of Available Vehicles</b>	0	3%
	1	29%
<b>Household Averages</b>	Persons	3.7
	Workers	2.0
	Drivers	2.5
	Vehicles	1.9
	Trips/Day	7.5

<b>TOTAL POPULATION:</b>	21,500	
<b>Male</b>	Population	10,900
	Transit Pass	6%
<b>Female</b>	Licenced Drivers	72%
	Student	26%
<b>Employment Status</b>	Full time	50%
	Part time	6%
<b>On survey day: Made work trip</b>	Work at Home F/T	2%
	Work at Home P/T	*
<b>Occupation Type</b>	Clerical	16%
	Manufacturing	19%
<b>Age</b>	Professional	45%
	Sales & Service	20%
<b>Daily trips/Person (age 11+):</b>	0-10	12%
	11-15	6%
	16-25	17%
	26-45	32%
	46-64	24%
	65+	8%

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>	<b>Trips Made by Residents of Ward 8</b>	
<b>Time Period</b>	Trips	11,400
	% of 24 hr.	25.9%
<b>24 hours</b>	HB-W	55%
	HB-S	22%
<b>Percentage of trips made within district:</b>	HB-D	16%
	N-HB	8%
	39%	14%
	29%	24 hours = 25%
<b>Trips Made to Ward 8</b>	Trips	36,300
	% of 24 hr.	38.3%
<b>24 hours</b>	Work	81%
	School	7%
	42%	3%
	20%	34%

<b>MODE OF TRAVEL</b>	<b>Trips Made by Residents of Ward 8</b>	
<b>Time Period</b>	Trips	11,400
	Auto Driver	61%
<b>24 hours</b>	Auto Passng.	17%
	Local Transit	10%
<b>Median Trip Length: (kilometres)</b>	GO Train	3%
	Walk & Cycle	7%
	4.8	3.4
	16.7	21.2
<b>Trips Made to Ward 8</b>	Trips	36,300
	Auto Driver	81%
<b>24 hours</b>	Auto Passng.	11%
	Local Transit	5%
	77%	15%
	0%	2%
	2%	1%



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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 6,100

**TOTAL POPULATION:** 18,000

Dwelling Type    House 96%    Townhouse \*    Apartment 4%

Household Size (persons)    1 8%    2 39%    3 18%    4 21%    5+ 13%

No. of Available Vehicles    0 2%    1 19%    2 58%    3 15%    4+ 6%

Household Averages    Persons 3.0    Workers 1.5    Drivers 2.1    Vehicles 2.1    Trips/Day 6.1

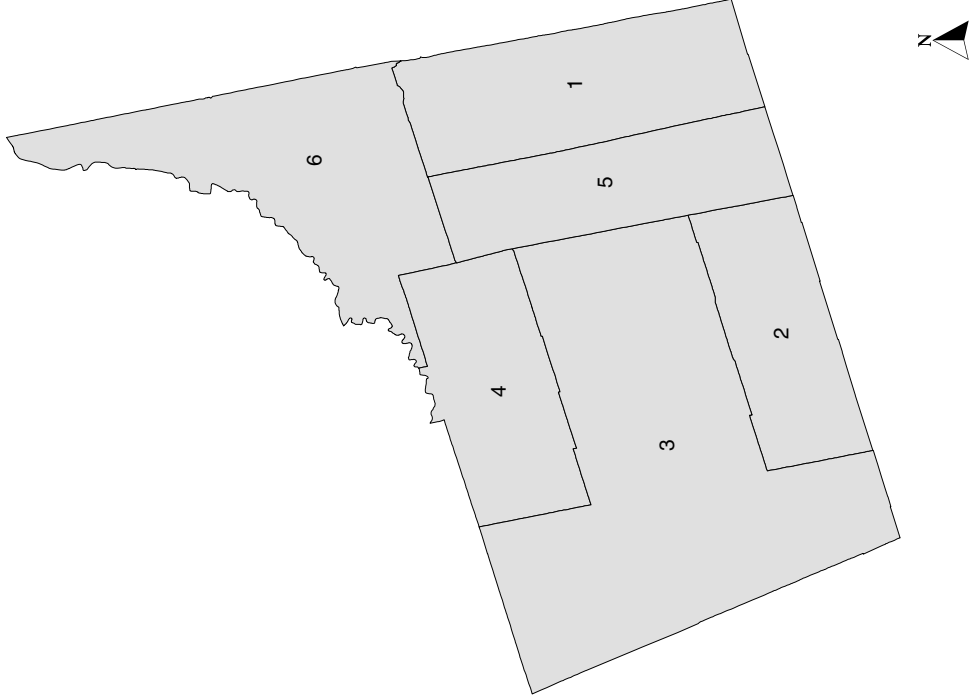
Population 9,000    Licenced Drivers 73% \*    Student 23% \*    Full time 41%    Part time 6%    Work at Home F/T 8%    P/T \*

Male 9,000    Female 9,000    On survey day: Made work trip 82%    52%    33% \*    2%    12%    2%    2%

Occupation Type    Clerical 9%    Manufacturing 18%    Professional 54%    Sales & Service 19%

Age    Median 39.7    0-10 16%    11-15 8%    16-25 9%    26-45 28%    46-64 26%    65+ 13%

Daily trips/Person (age 11+): 2.5



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of King

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	8,200	51%	27%	15%	7%
24 hours	37,200	30%	12%	40%	19%

Percentage of trips made within district: 6-9 a.m. = 28%    24 hours = 23%

#### Trips Made to King

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	6,900	23.9%	44%	3%
24 hours	29,100	11%	12%	52%

### MODE OF TRAVEL

#### Trips Made by Residents of King

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	8,200	71%	6%	1%	1%	19%
24 hours	37,200	75%	14%	1%	0%	8%

Median Trip Length: (kilometres)    13.4    11.2    40.8    34.0

#### Trips Made to King

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	6,900	59%	15%	1%	*	2%
24 hours	29,100	72%	14%	1%	0%	1%

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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		1,000	
Dwelling Type	House	Townhouse	Apartment
	96%	*	*
Household Size (persons)	1	3	4
	13%	44%	15%
No. of Available Vehicles	0	1	2
	8%	19%	60%
Household Averages	Persons	Workers	Drivers
	2.6	1.2	1.9
Vehicles	3	4+	
	10%	*	
Trips/Day	Vehicles	1.9	5.5

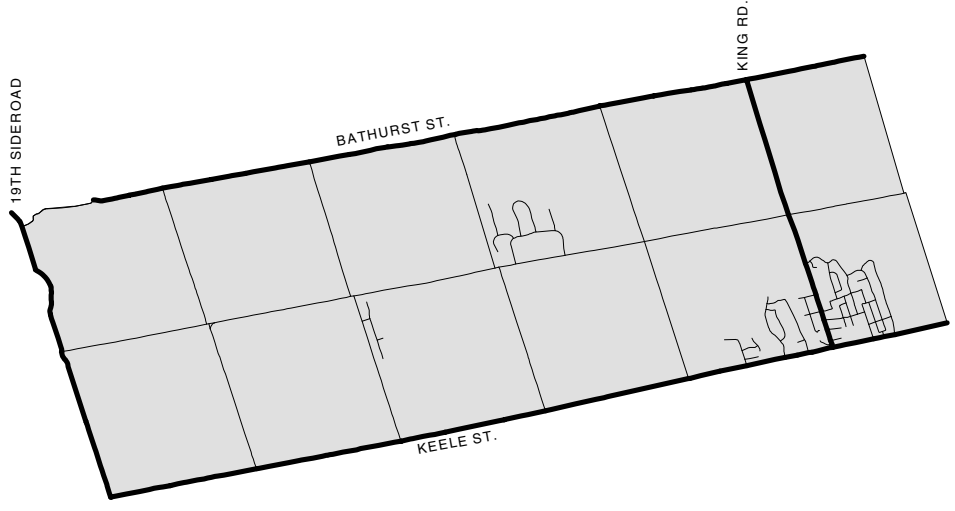
<b>TOTAL POPULATION:</b>		2,700	
Male	Population	Licenced Drivers	Student
	1,300	* 70%	24%
Female	Population	Licenced Drivers	Student
	1,400	* 71%	19%
On survey day: Made work trip			
Occupation Type	Clerical	Manufacturing	Professional
	8%	16%	59%
Age	Median	0-10	11-15
	39.6	18%	7%
Daily trips/Person (age 11+):	2.5	16-25	26-45
		5%	32%
Employment Status	Full time	Part time	Work at Home
	39%	7%	6%
Sales & Service	85%	37%	*

## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 1</b>	
Time Period	Trips	% of 24 hr.	Trip Purpose Category
6 - 9 a.m.	1,300	23.2%	HB-W
24 hours	5,600	30%	HB-S
Percentage of trips made within district: 6-9 a.m. = 17% 24 hours = 10%			
<b>Trips Made to Ward 1</b>		<b>Destination Purpose</b>	
Time Period	Trips	% of 24 hr.	Work
6 - 9 a.m.	4,000	47.6%	School
24 hours	8,400	13%	Home
			Other
			12%
			23%

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 1</b>	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	1,300	73%	8%
24 hours	5,600	78%	13%
Median Trip Length: (kilometres)			
<b>Trips Made to Ward 1</b>		<b>Mode of Travel</b>	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	4,000	45%	18%
24 hours	8,400	63%	15%
			1%
			2%
			2%
			3%
			6%
			13%
			18%



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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 1,200

Dwelling Type      House 93%      Townhouse \*      Apartment 7%

Household Size (persons)      1 8%      2 25%      3 22%      4 27%      5+ 18%

No. of Available Vehicles      0 \*      1 25%      2 53%      3 18%      4+ \*

Household Averages      Persons 3.2      Workers 1.7      Drivers 2.3      Vehicles 2.0      Trips/Day 6.6

**TOTAL POPULATION:** 3,800

Male      Population 1,900      Transit Pass \*      Licenced Drivers 72%      Student 26%      Full time 48%      Part time 6%      Work at Home F/T 4%      P/T \*

Female      Population 1,900      \*      72%      29%      32%      10%      4%

On survey day:      Made work trip      77%      44%      \*

Occupation Type      Clerical 12%      Manufacturing 13%      Professional 51%      Sales & Service 25%

Age      Median 38.8      0-10 15%      11-15 9%      16-25 12%      26-45 27%      46-64 26%      65+ 10%

Daily trips/Person (age 11+): 2.4

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 2**

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	1,800	23.1%	30%	11%	4%
24 hours	7,800	29%	14%	39%	18%

Percentage of trips made within district: 6-9 a.m. = 14%      24 hours = 20%

**Trips Made to Ward 2**

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	900	15.5%	11%	41%
24 hours	5,800	12%	2%	55%

### MODE OF TRAVEL

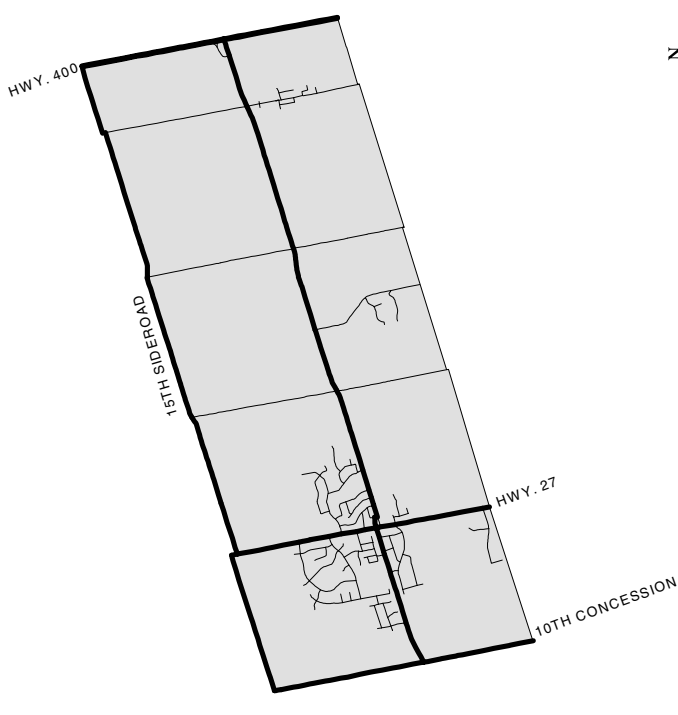
**Trips Made by Residents of Ward 2**

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	1,800	71%	*	*	*	*	23%
24 hours	7,800	76%	12%	*	*	1%	10%

Median Trip Length: 12.9 (kilometres)

**Trips Made to Ward 2**

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	900	82%	11%	*	*	*	*
24 hours	5,800	78%	13%	*	*	*	8%

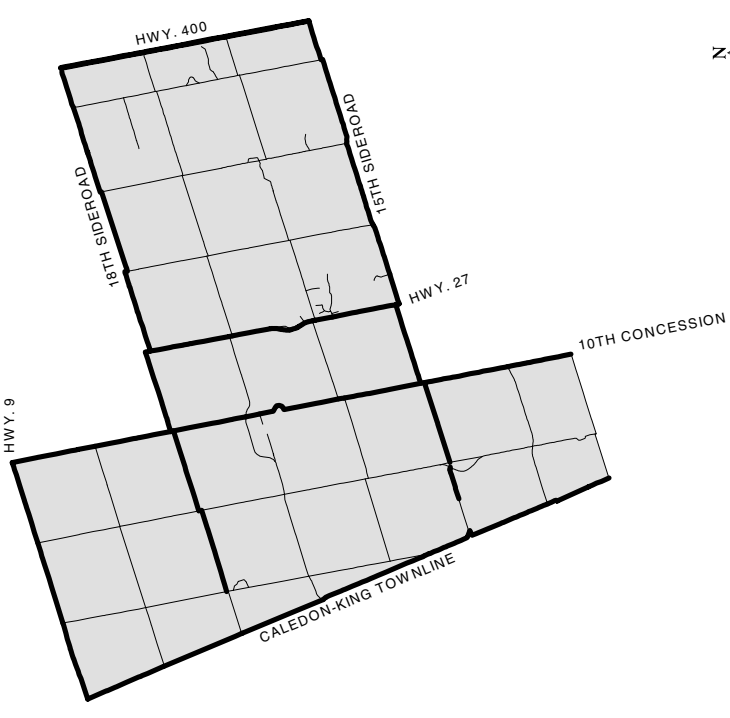


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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>		900	
Dwelling Type	House 94%	Townhouse *	Apartment *
Household Size (persons)	1	2	3
	42%	17%	19%
No. of Available Vehicles	0	1	2
	10%	65%	15%
Household Averages	Persons	Workers	Drivers
	3.1	1.5	2.3
	Vehicles	Vehicles	Trips/Day
	2.2	2.2	5.5

<b>TOTAL POPULATION:</b>		2,900	
Male	Population 1,600	Transit Pass *	Licenced Drivers 73%
Female	1,200	*	78%
On survey day: Made work trip			
		Full time 39%	Part time 6%
		21%	17%
		72%	63%
Occupation Type	Clerical *	Manufacturing 25%	Professional 56%
		Sales & Service 17%	
Age	Median 44.4	0-10 13%	11-15 6%
		16-25 8%	26-45 24%
		46-64 34%	65+ 14%
Daily trips/Person (age 11+): 2.1			



## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>		<b>Trips Made by Residents of Ward 3</b>			
Time Period 6 - 9 a.m.	Trips 1,000	% of 24 hr. 19.2%	HB-W 50%	HB-S 32%	N-HB 14%*
24 hours	5,200	31%	12%	41%	16%
Percentage of trips made within district: 6-9 a.m. = 4%    24 hours = 4%					
<b>Trips Made to Ward 3</b>		<b>Destination Purpose</b>			
Time Period 6 - 9 a.m.	Trips 200	% of 24 hr. 7.1%	Work 63%	Home *	Other 29%
24 hours	2,800	7%	78%	14%	

<b>MODE OF TRAVEL</b>		<b>Trips Made by Residents of Ward 3</b>			
Time Period 6 - 9 a.m.	Trips 1,000	Auto Driver 74%	Auto Passng. 8%	Local Transit *	GO Train *
24 hours	5,200	75%	17%	*	7%
Median Trip Length: (kilometres) 16.1    15.7    *					
<b>Trips Made to Ward 3</b>		<b>Mode of Travel</b>			
Time Period 6 - 9 a.m.	Trips 200	Auto Driver 100%	Auto Passng. *	Local Transit *	GO Train *
24 hours	2,800	78%	15%	*	7%

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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 1,400

Dwelling Type      House 96%      Townhouse \*      Apartment \*

Household Size (persons)      1      2      3      4      5+  
 11%      45%      19%      14%      12%

No. of Available Vehicles      0      1      2      3      4+  
 \*      24%      54%      18%      \*

Household Averages      Persons 2.9      Workers 1.5      Drivers 2.1      Vehicles 2.0      Trips/Day 6.6

**TOTAL POPULATION:** 4,200

Male      Population 2,000      Transit Pass \*      Licenced Drivers 74%      Student 22%      Full time 41%      Part time 4%      Work at Home F/T 12%      P/T \*

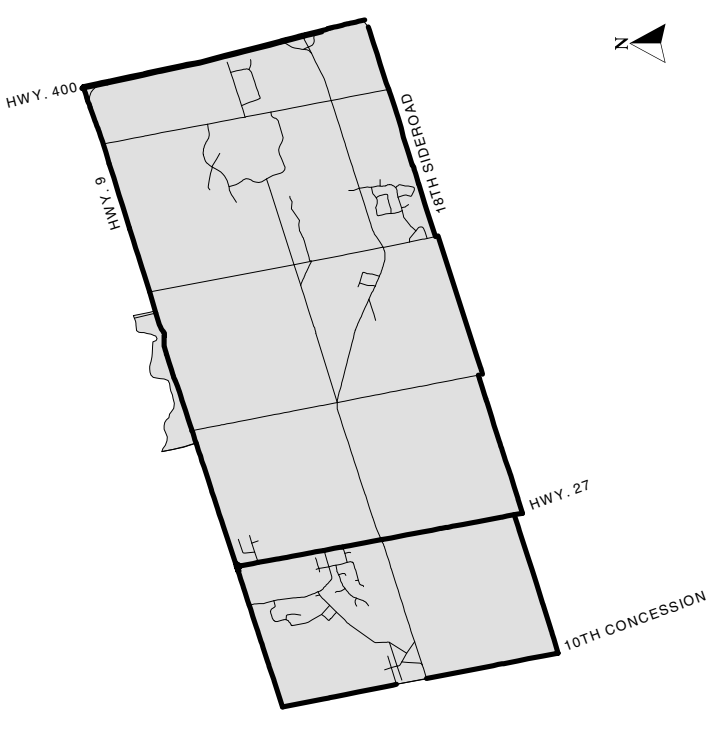
Female      2,200      \*      70%      22%      29%      15%      \*

On survey day:      Made work trip      89%      53%      \*

Occupation Type      Clerical 16%      Manufacturing 18%      Professional 52%      Sales & Service 14%

Age      Median 40.3      0-10 14%      11-15 9%      16-25 9%      26-45 27%      46-64 27%      65+ 13%

Daily trips/Person (age 11+): 2.7



## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 4**

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	2,100	21.9%	28%	13%	6%
24 hours	9,600	31%	12%	36%	22%

Percentage of trips made within district: 6-9 a.m. = 13%      24 hours = 10%

**Trips Made to Ward 4**

Time Period	Trips	Destination Purpose		
		Work	Home	Other
6 - 9 a.m.	400	7.7%	*	16%
24 hours	5,200	9%	*	19%

### MODE OF TRAVEL

**Trips Made by Residents of Ward 4**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	2,100	65%	6%	*	4%	21%
24 hours	9,600	71%	16%	2%	*	9%

Median Trip Length: (kilometres)  
 14.8      12.2      42      \*

**Trips Made to Ward 4**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	400	78%	*	*	*	*
24 hours	5,200	73%	14%	1%	*	9%

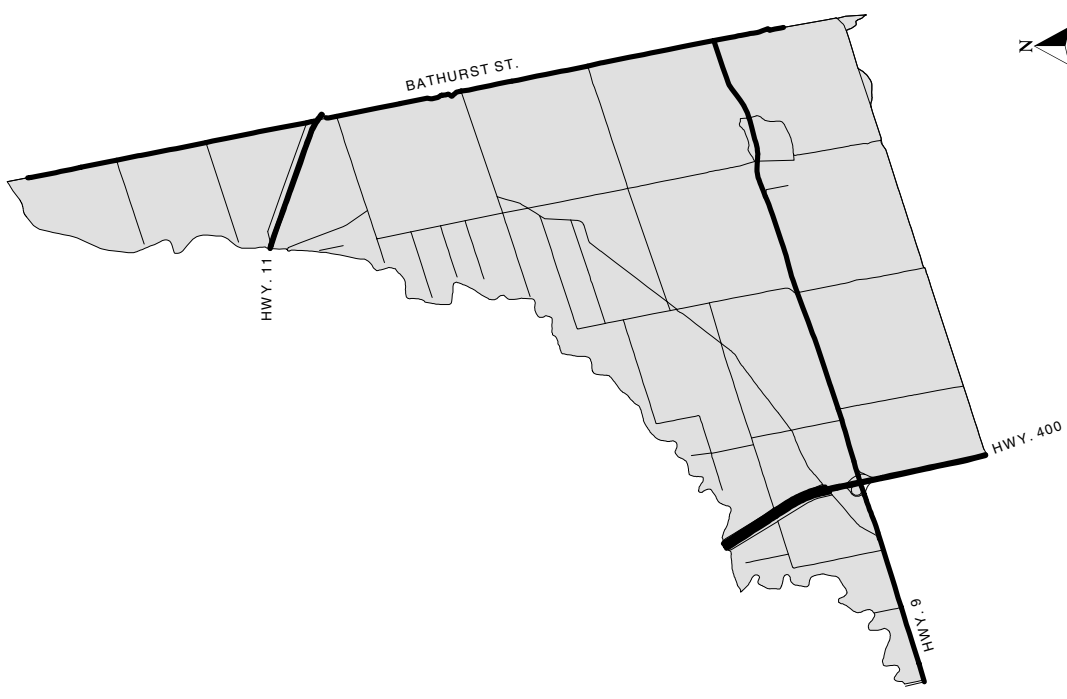
\* is used to denote categories that have less than four observations or survey records



## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	500			
Dwelling Type	House 100%	Townhouse *	Apartment *	
Household Size (persons)	1 *	2 50%	3 *	4 21%
				5+ 17%
No. of Available Vehicles	0 *	1 29%	2 54%	3 *
				4+ *
Household Averages	Persons 2.9	Workers 1.1	Drivers 1.9	Vehicles 1.8
				Trips/Day 6.1

<b>TOTAL POPULATION:</b>	1,400			
Male	Population 700	Transit Pass *	Licensed Drivers 66%	Student 23%
Female	700	*	63%	26%
	On survey day: Made work trip			
			83%	*
Occupation Type	Clerical *	Manufacturing 19%	Professional 73%	Sales & Service *
Age	Median 37.4	0-10 26%	11-15 6%	16-25 *
				26-45 33%
				46-64 16%
				65+ 17%
Daily trips/Person (age 11+):	2.8			

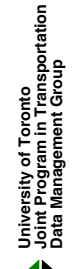


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## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>						
<b>Trips Made by Residents of Ward 6</b>						
Time Period 6 - 9 a.m.	Trips 500	% of 24 hr. 13.8%	HB-W 39%	HB-S 17%	HB-D 26%	N-HB 17%
24 hours	2,900		23%	5%	46%	26%
Percentage of trips made within district: 6-9 a.m. = 0%    24 hours = 0%						
<b>Trips Made to Ward 6</b>						
Time Period 6 - 9 a.m.	Trips 500	% of 24 hr. 20.0%	Work 56%	School 15%	Home *	Other 30%
24 hours	2,500		15%	3%	41%	41%

<b>MODE OF TRAVEL</b>						
<b>Trips Made by Residents of Ward 6</b>						
Time Period 6 - 9 a.m.	Trips 500	Auto Driver 82%	Auto Passng. *	Local Transit *	GO Train *	Walk & Cycle *
24 hours	2,900	82%	14%	*	*	4%
Median Trip Length: (kilometres) 7.6    6.5    *						
<b>Trips Made to Ward 6</b>						
Time Period 6 - 9 a.m.	Trips 500	Auto Driver 70%	Auto Passng. 15%	Local Transit *	GO Train *	Walk & Cycle *
24 hours	2,500	77%	15%	*	*	6%



## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 55,600

Dwelling Type	House	Townhouse	Apartment
	83%	6%	11%

Household Size (persons)	1	2	3	4	5+
	7%	22%	21%	30%	19%

No. of Available Vehicles	0	1	2	3	4+
	4%	26%	50%	15%	6%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.4	1.9	2.3	2.0	7.5

**TOTAL POPULATION:** 188,800

Male	Population	Licenced Drivers	Student	Full time	Part time	Work at Home
	94,500	71%	25%	50%	6%	3%
						P/T
						0%

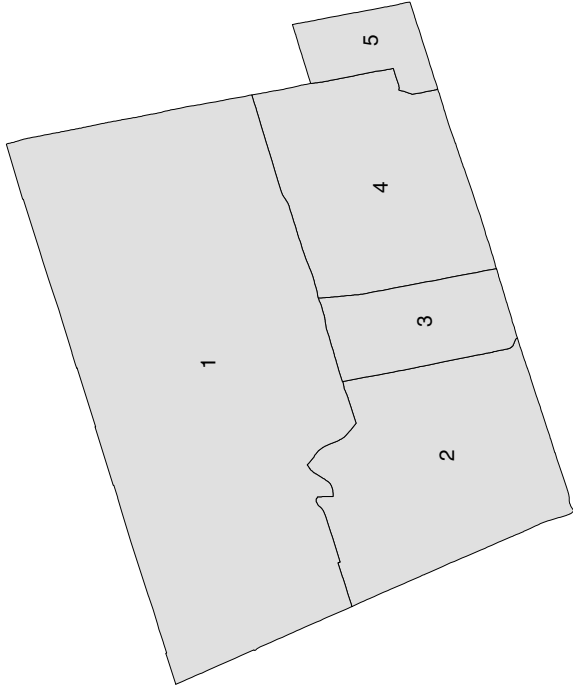
Female	94,300	63%	26%	35%	12%	1%
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On survey day: Made work trip 90% 41% 25%

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	14%	22%	44%	20%

Age	Median	0-10	11-15	16-25	26-45	46-64	65+
	33.1	16%	8%	14%	34%	20%	8%

Daily trips/Person (age 11+): 2.6



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Vaughan

Time Period	Trips	% of 24 hr.	HB-W	HB-S	HB-D	N-HB
	106,400	25.5%	51%	22%	17%	10%
24 hours	417,900	35%	13%	37%	15%	

Percentage of trips made within district: 6-9 a.m. = 41% 24 hours = 42%

#### Trips Made to Vaughan

Time Period	Trips	% of 24 hr.	Work	School	Home	Other
	105,400	25.4%	64%	17%	4%	15%
24 hours	415,600	23%	5%	43%	30%	

### MODE OF TRAVEL

#### Trips Made by Residents of Vaughan

Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
	6 - 9 a.m.	106,400	67%	14%	7%	1%	6%
24 hours	417,900	71%	16%	5%	0%	4%	3%

Median Trip Length: (kilometres)  
6.6 4.2 15.2 24.8

#### Trips Made to Vaughan

Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
	6 - 9 a.m.	105,400	71%	14%	4%	*	6%
24 hours	415,600	72%	17%	4%	0%	4%	3%

\* is used to denote categories that have less than four observations or survey records

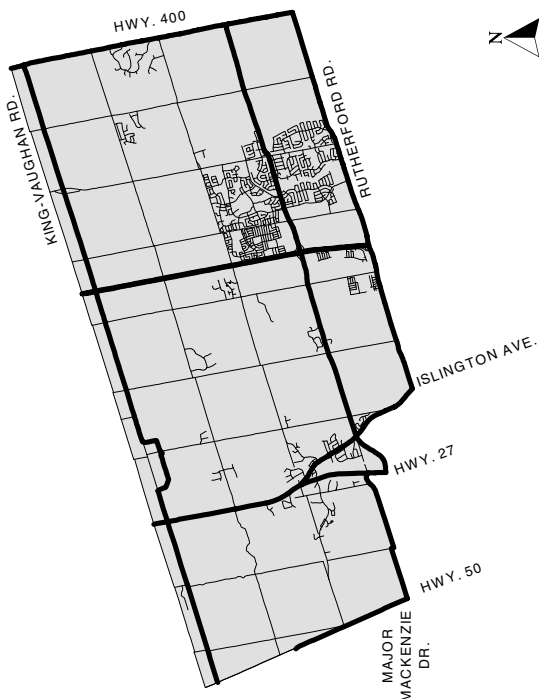


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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	13,900	
<b>Dwelling Type</b>	House	90%
	Townhouse	9%
<b>Household Size (persons)</b>	1	5%
	2	24%
	3	21%
	4	31%
	5+	20%
<b>No. of Available Vehicles</b>	0	1%
	1	23%
	2	58%
<b>Household Averages</b>	Persons	3.5
	Workers	1.9
<b>Drivers</b>	Drivers	2.2
	Vehicles	2.0
<b>Trips/Day</b>	Trips/Day	7.4
	Apartment	1%

<b>TOTAL POPULATION:</b>	47,800	
<b>Male</b>	Population	24,100
	Transit Pass	3%
<b>Female</b>	Population	23,700
	Transit Pass	3%
<b>On survey day: Made work trip</b>	Licenced Drivers	66%
	Licenced Drivers	62%
<b>Occupation Type</b>	Clerical	15%
	Manufacturing	25%
<b>Age</b>	0-10	21%
	11-15	8%
<b>Daily trips/Person (age 11+):</b>	Professional	43%
	Sales & Service	18%
<b>Employment Status</b>	Full time	52%
	Part time	5%
<b>Work at Home</b>	F/T	3%
	P/T	*
<b>Student</b>	Student	24%
	Student	26%
<b>Professional</b>	Professional	43%
	Sales & Service	18%
<b>Sales &amp; Service</b>	26-45	40%
	46-64	15%
<b>65+</b>	65+	5%
	65+	5%



## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>	<b>Trips Made by Residents of Ward 1</b>	
<b>Time Period</b>	Trips	27,200
	% of 24 hr.	26.6%
<b>24 hours</b>	Trips	102,400
	% of 24 hr.	26.6%
<b>Percentage of trips made within district:</b>	6-9 a.m.	18.1%
	6-9 a.m.	22%
<b>Trips Made to Ward 1</b>	Trips	13,000
	% of 24 hr.	18.1%
<b>24 hours</b>	Trips	71,900
	% of 24 hr.	18.1%
<b>Destination Purpose</b>	Work	44%
	School	28%
<b>Home</b>	Home	8%
	Home	8%
<b>Other</b>	Other	21%
	Other	21%

<b>MODE OF TRAVEL</b>	<b>Trips Made by Residents of Ward 1</b>	
<b>Time Period</b>	Trips	27,200
	% of 24 hr.	26.6%
<b>24 hours</b>	Trips	102,400
	% of 24 hr.	26.6%
<b>Median Trip Length: (kilometres)</b>	Auto Driver	71%
	Auto Driver	74%
<b>Trips Made to Ward 1</b>	Trips	13,000
	% of 24 hr.	18.1%
<b>24 hours</b>	Trips	71,900
	% of 24 hr.	18.1%
<b>Destination Purpose</b>	Work	44%
	School	28%
<b>Home</b>	Home	8%
	Home	8%
<b>Other</b>	Other	21%
	Other	21%

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## DEMOGRAPHIC CHARACTERISTICS

<b>TOTAL NUMBER OF HOUSEHOLDS:</b>	12,400			
Dwelling Type	House	Townhouse	Apartment	
	93%	3%	5%	
Household Size (persons)	1	2	3	4
	7%	22%	21%	31%
No. of Available Vehicles	0	1	2	3
	4%	19%	46%	20%
Household Averages	Persons	Workers	Drivers	Vehicles
	3.4	1.9	2.4	2.2
				Trips/Day
				7.3

<b>TOTAL POPULATION:</b>	42,000			
Male	Population	Licenced Drivers	Student	Employment Status
	20,600	75%	20%	Full time
Female	21,300	65%	21%	Part time
		4%	21%	Work at Home
				F/T
				P/T
				0%
				3%
				7%
				13%
				50%
				58%
				*
Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	13%	27%	40%	20%
Age	Median	0-10	11-15	16-25
	33.5	15%	5%	14%
				26-45
				34%
				22%
				46-64
				10%
Daily trips/Person (age 11+):	2.5			



## TRAVEL PATTERNS

<b>TRIP PURPOSE</b>				
<b>Trips Made by Residents of Ward 2</b>				
Time Period	Trips	% of 24 hr.	HB-W	HB-S
6 - 9 a.m.	22,400	24.8%	59%	17%
24 hours	90,300	39%	10%	37%
				15%
Percentage of trips made within district:	6-9 a.m. =	26%	24 hours =	26%
<b>Trips Made to Ward 2</b>				
Time Period	Trips	% of 24 hr.	Work	School
6 - 9 a.m.	15,000	20.3%	53%	24%
24 hours	74,000	15%	5%	52%
				28%

<b>MODE OF TRAVEL</b>				
<b>Trips Made by Residents of Ward 2</b>				
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit
6 - 9 a.m.	22,400	74%	11%	4%
24 hours	90,300	76%	16%	2%
				0%
				2%
				4%
Median Trip Length: (kilometres)	7.2	4.7	19.5	25.5
<b>Trips Made to Ward 2</b>				
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit
6 - 9 a.m.	15,000	65%	15%	3%
24 hours	74,000	73%	17%	2%
				0%
				2%
				6%

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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 7,000

Dwelling Type      House 95%      Townhouse 4%      Apartment \*

Household Size (persons)      1 3%      2 19%      3 21%      4 31%      5+ 26%

No. of Available Vehicles      0 1%      1 16%      2 45%      3 24%      4+ 14%

Household Averages      Persons 3.7      Workers 2.1      Drivers 2.7      Vehicles 2.4      Trips/Day 8.1

**TOTAL POPULATION:** 25,800

Male 13,300      Population 13,300      Transit Pass 3%      Licenced Drivers 77%      Student 25%      Full time 53%      Part time 6%      Work at Home F/T 2%      P/T \*

Female 12,600      On survey day: Made work trip 90%      51%      50% \*

Occupation      Clerical 12%      Manufacturing 28%      Professional 39%      Sales & Service 21%

Age      Median 34.3      0-10 11%      11-15 8%      16-25 19%      26-45 29%      46-64 25%      65+ 9%

Daily trips/Person (age 11+): 2.5

## TRAVEL PATTERNS

### TRIP PURPOSE

**Trips Made by Residents of Ward 3**

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	14,900	26.5%	23%	15%	7%
24 hours	56,200	38%	14%	35%	12%

Percentage of trips made within district: 6-9 a.m. = 30%      24 hours = 33%

**Trips Made to Ward 3**

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	18,900	25.6%	16%	3%
24 hours	73,800	25%	4%	37%

### MODE OF TRAVEL

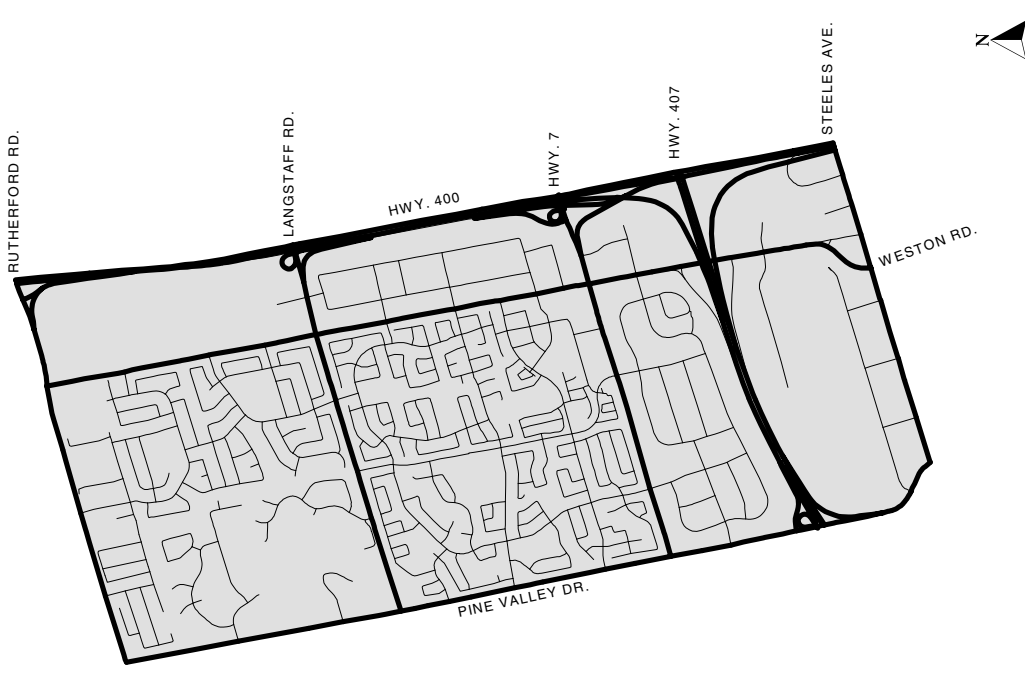
**Trips Made by Residents of Ward 3**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	14,900	68%	13%	4%	1%	9%
24 hours	56,200	72%	16%	3%	0%	6%

Median Trip Length: (kilometres)      5.5      2.8      19.9      22

**Trips Made to Ward 3**

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	18,900	74%	13%	3%	*	7%
24 hours	73,800	74%	17%	3%	0%	4%



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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 10,900

Dwelling Type    House 76%    Townhouse 9%    Apartment 14%

Household Size (persons)    1 7%    2 18%    3 23%    4 32%    5+ 19%

No. of Available Vehicles    0 3%    1 31%    2 52%    3 11%    4+ 3%

Household Averages    Persons 3.4    Workers 1.9    Drivers 2.2    Vehicles 1.8    Trips/Day 7.8

**TOTAL POPULATION:** 37,400

Male    Population 18,900    Transit Pass 4%    Licenced Drivers 69%    Student 28%    Full time 51%    Part time 5%    Work at Home F/T 2%    P/T \*

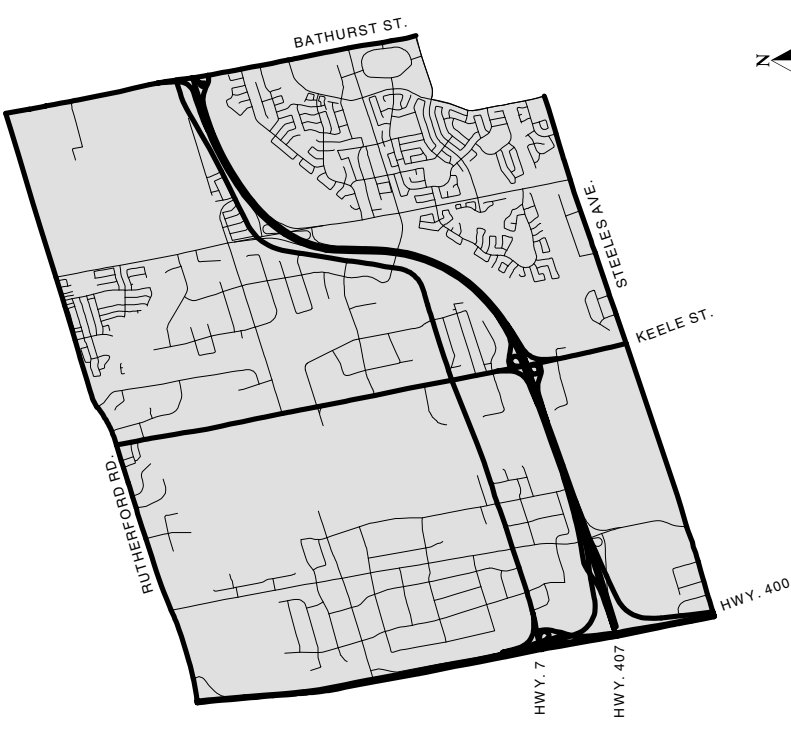
Female    18,500    4%    60%    30%    34%    13%    2%    1%

On survey day:    Made work trip    89%    56%    47%    \*

Occupation Type    Clerical 14%    Manufacturing 20%    Professional 45%    Sales & Service 20%

Age    Median 32.8    0-10 17%    11-15 9%    16-25 14%    26-45 35%    46-64 18%    65+ 6%

Daily trips/Person (age 11+): 2.7



## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 4

Time Period    Trips    % of 24 hr.    HB-W 47%    HB-S 21%    HB-D 20%    N-HB 12%

6 - 9 a.m.    21,900    25.8%    34%    13%    37%    16%

24 hours    84,800

Percentage of trips made within district: 6-9 a.m. = 33%    24 hours = 29%

#### Trips Made to Ward 4

Time Period    Trips    % of 24 hr.    Work 76%    School 12%    Home 2%    Other 11%

6 - 9 a.m.    49,800    37.3%    39%    5%    27%    30%

24 hours    133,600

### MODE OF TRAVEL

#### Trips Made by Residents of Ward 4

Time Period    Trips    Auto Driver 62%    Auto Passng. 16%    Local Transit 10%    GO Train 0%    Walk & Cycle 8%    Other 4%

6 - 9 a.m.    21,900

24 hours    84,800    68%    17%    7%    0%    6%    3%

Median Trip Length: (kilometres)    5.4    3.5    14.7    22

#### Trips Made to Ward 4

Time Period    Trips    Auto Driver 74%    Auto Passng. 13%    Local Transit 6%    GO Train \*    Walk & Cycle 5%    Other 2%

6 - 9 a.m.    49,800

24 hours    133,600    73%    16%    5%    \*    4%    2%

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## DEMOGRAPHIC CHARACTERISTICS

**TOTAL NUMBER OF HOUSEHOLDS:** 11,500

Dwelling Type	House	Townhouse	Apartment		
	63%	6%	31%		
Household Size (persons)	1	2	3	4	5+
	14%	25%	19%	27%	15%

No. of Available Vehicles	0	1	2	3	4+
	8%	36%	43%	10%	3%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.1	1.5	2.0	1.6	7.3

**TOTAL POPULATION:** 35,700

Male	Population 17,600	Transit Pass 5%	Licenced Drivers 68%	Student 30%	Employment Status			
					Full time 42%	Part time 5%	Work at Home F/T 5%	Work at Home P/T 1%
Female	18,100	4%	61%	29%	30%	13%	2%	2%
On survey day: Made work trip				88%	53%	30%	25%	

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	12%	10%	55%	22%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	36.2	13%	10%	15%	27%	25%
		13%	10%	15%	27%	25%

Daily trips/Person (age 11+): 2.7

## TRAVEL PATTERNS

### TRIP PURPOSE

#### Trips Made by Residents of Ward 5

Time Period 6 - 9 a.m.	Trips 20,000	Trip Purpose Category			
		HB-W 43%	HB-S 28%	HB-D 20%	N-HB 9%
24 hours	84,100	28%	16%	42%	15%

Percentage of trips made within district: 6-9 a.m. = 12% 24 hours = 13%

#### Trips Made to Ward 5

Time Period 6 - 9 a.m.	Trips 8,700	Destination Purpose			
		Work 38%	School 22%	Home 10%	Other 29%
24 hours	62,400	8%	3%	57%	31%

### MODE OF TRAVEL

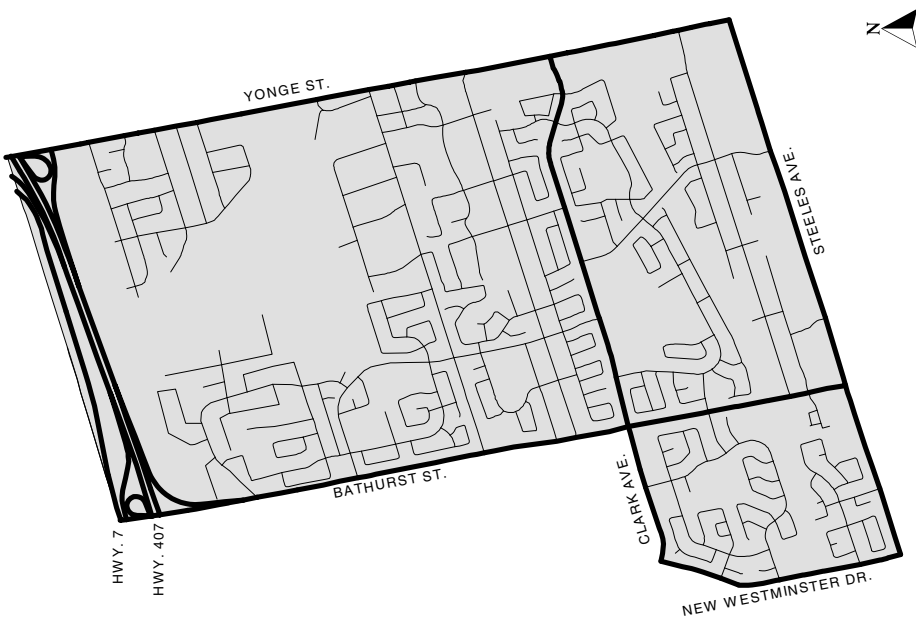
#### Trips Made by Residents of Ward 5

Time Period 6 - 9 a.m.	Trips 20,000	Auto Driver 57%	Auto Passng. 16%	Local Transit 14%	GO Train *	Walk & Cycle 8%	Other 5%

Median Trip Length: (kilometres)  
4.5

#### Trips Made to Ward 5

Time Period 6 - 9 a.m.	Trips 8,700	Auto Driver 66%	Auto Passng. 15%	Local Transit 5%	GO Train *	Walk & Cycle 7%	Other 6%



\* is used to denote categories that have less than four observations or survey records

